

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072223\
 Data File : VU054844.D
 Acq On : 21 Jul 2023 18:09
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 24 09:33:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 08:47:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.110	96	26814	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	8910	1.100	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9823	1.048	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	26147	4.901	ug/l	94
3) Chloromethane	1.518	50	30534	4.928	ug/l	94
4) Vinyl Chloride	1.602	62	40039	5.034	ug/l	100
5) Bromomethane	1.856	94	28988	5.135	ug/l	96
6) Chloroethane	1.930	64	37527	4.993	ug/l	97
7) Trichlorofluoromethane	2.136	101	99853	5.180	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	28489	5.158	ug/l	98
9) 1,1-Dichloroethene	2.576	96	23309	5.053	ug/l	86
10) Iodomethane	2.718	142	38710	5.210	ug/l	99
11) Allyl Chloride	2.920	41	26668	4.928	ug/l	98
12) Acrylonitrile	3.325	53	11695m	10.583	ug/l	
13) Acetone	2.647	43	23459m	24.097	ug/l	
14) Carbon Disulfide	2.789	76	40571	5.217	ug/l	98
15) Methylene Chloride	3.043	84	37142	5.250	ug/l	94
16) trans-1,2-Dichloroethene	3.348	96	25074	4.892	ug/l	98
17) 1,1-Dichloroethane	3.866	63	57005	5.255	ug/l	98
18) 2-Butanone	4.718	43	37365	27.079	ug/l	91
19) Cyclohexane	5.383	56	31811	4.486	ug/l	90
20) Methylcyclohexane	6.759	83	43352	5.198	ug/l	98
21) 2,2-Dichloropropane	4.660	77	48468	5.123	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	32855	5.062	ug/l	97
23) Diethyl Ether	2.374	59	36957	5.215	ug/l	99
24) tert-Butyl Alcohol	3.248	59	32633m	49.415	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	73708	5.237	ug/l	98
26) Bromochloromethane	4.968	128	14063	5.684	ug/l	96
27) Chloroform	5.084	83	60749	5.097	ug/l	99
28) 1,1,1-Trichloroethane	5.313	97	52806	5.272	ug/l	98
29) 1,1-Dichloropropene	5.521	75	38568	5.413	ug/l	98
30) Carbon Tetrachloride	5.518	117	43355	5.208	ug/l	97
31) Isopropyl Ether	3.991	45	81564	5.081	ug/l	96
32) Ethyl-t-butyl ether	4.496	59	84424	5.118	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	79941	5.149	ug/l	99
34) Propionitrile	4.805	54	11317m	24.999	ug/l	
35) Benzene	5.769	78	122395	5.286	ug/l	95
36) 1,2-Dichloroethane	5.792	62	33777	5.078	ug/l	97
37) Trichloroethene	6.541	130	31553	5.043	ug/l	90
38) 1,2-Dichloropropane	6.785	63	34170	5.112	ug/l	99
39) Methacrylonitrile	4.972	41	8124	4.927	ug/l	98
40) Methyl acrylate	4.853	55	15674	5.582	ug/l	95
41) Tetrahydrofuran	5.068	42	9542	9.935	ug/l	97
42) 1-Chlorobutane	5.454	56	49266	5.112	ug/l	97
43) Dibromomethane	6.917	93	17299	5.564	ug/l	94
44) Bromodichloromethane	7.100	83	44571	5.232	ug/l	99

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 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

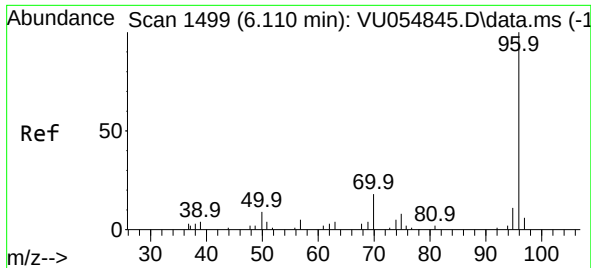
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

Quant Time: Jul 24 09:33:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 08:47:00 2023
 Response via : Initial Calibration

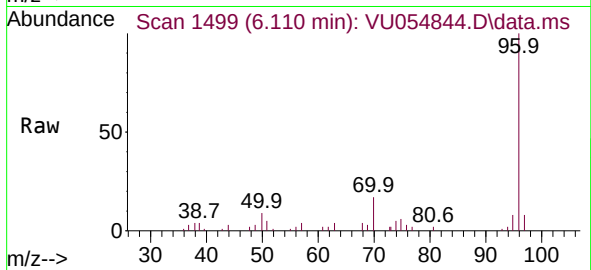
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	95903	26.063	ug/l	99
46) t-1,4-Dichloro-2-butene	10.833	75	16186m	10.463	ug/l	
47) Methyl methacrylate	6.959	69	30714	10.516	ug/l	96
48) Ethyl methacrylate	8.328	69	30922	5.211	ug/l	98
49) Toluene	7.965	92	76431	5.173	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	39627	5.248	ug/l	94
51) cis-1,3-Dichloropropene	7.602	75	49042	5.342	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	25395	5.414	ug/l	93
53) 1,3-Dichloropropane	8.573	76	40480	5.120	ug/l	96
54) 2-Hexanone	8.682	43	67952	26.488	ug/l	99
55) Dibromochloromethane	8.808	129	29411	5.247	ug/l	97
56) 1,2-Dibromoethane	8.920	107	22247	5.422	ug/l	99
58) Tetrachloroethene	8.550	164	28671	5.258	ug/l	96
59) Chlorobenzene	9.444	112	93008	5.281	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	32828	5.281	ug/l	96
61) Pentachloroethane	11.422	117	25683	5.248	ug/l	99
62) Hexachloroethane	12.470	117	26408	5.253	ug/l	97
63) Ethyl Benzene	9.566	91	159462	5.312	ug/l	99
64) m/p-Xylenes	9.689	106	115756	10.199	ug/l	98
65) o-Xylene	10.097	106	59432	5.199	ug/l	98
66) Styrene	10.110	104	96911	5.276	ug/l	100
67) Bromoform	10.287	173	15825	5.240	ug/l	99
69) Isopropylbenzene	10.480	105	161772	5.215	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.779	83	30103	5.146	ug/l	100
71) 1,2,3-Trichloropropane	10.820	75	22174m	5.517	ug/l	
72) Bromobenzene	10.779	156	36921	5.160	ug/l	99
73) n-propylbenzene	10.901	120	43904	5.268	ug/l	95
74) 2-Chlorotoluene	10.981	126	37125	5.116	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	131834	5.217	ug/l	100
76) 4-Chlorotoluene	11.094	126	39471	5.291	ug/l	100
77) tert-Butylbenzene	11.415	119	135675	5.214	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	133875	5.268	ug/l	98
79) sec-Butylbenzene	11.640	105	178458	5.285	ug/l	100
80) Nitrobenzene	13.206	77	4483	22.819	ug/l	96
81) p-Isopropyltoluene	11.788	119	147949	5.379	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	73211	5.111	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	74457	5.182	ug/l	98
84) n-Butylbenzene	12.206	91	135861	5.369	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	70455	5.164	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	4335	5.290	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	44735	5.114	ug/l	96
88) Hexachlorobutadiene	14.016	225	25664	5.492	ug/l	94
89) Naphthalene	14.084	128	71020	5.020	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	39280	5.196	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

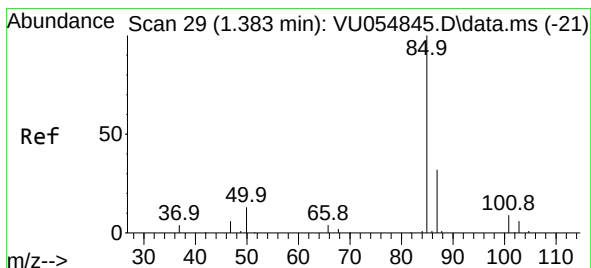
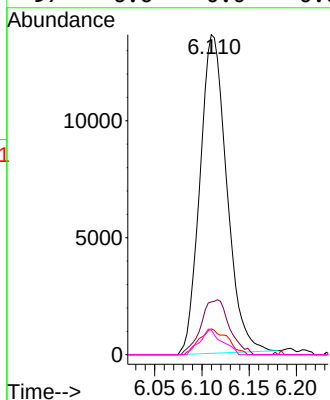
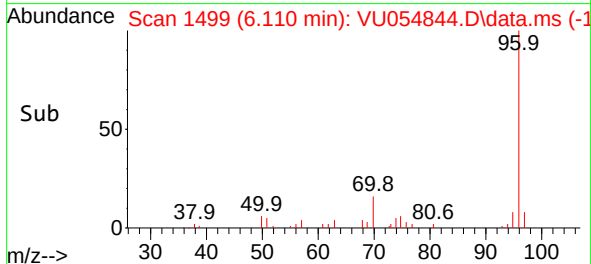
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 26814
Ion Ratio Lower Upper
96 100
70 18.3 14.0 21.0
95 8.5 8.7 13.1
97 6.6 0.0 0.0#

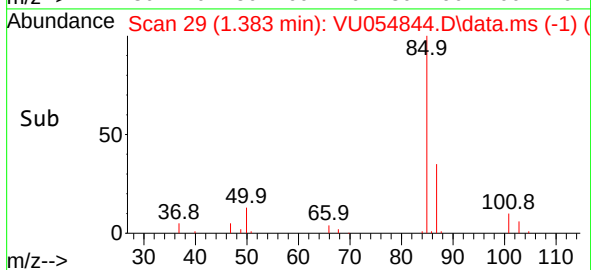
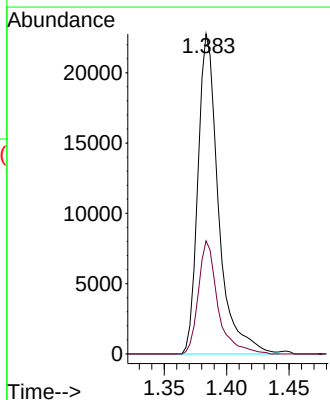
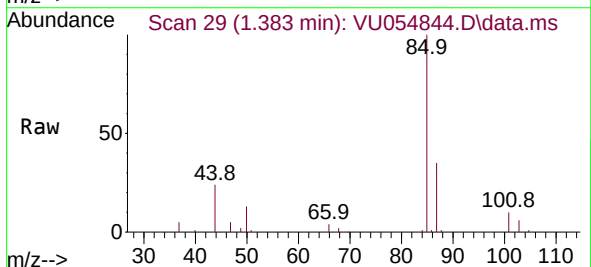
Manual Integrations
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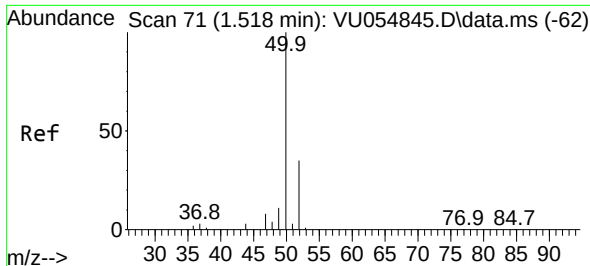
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 4.901 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

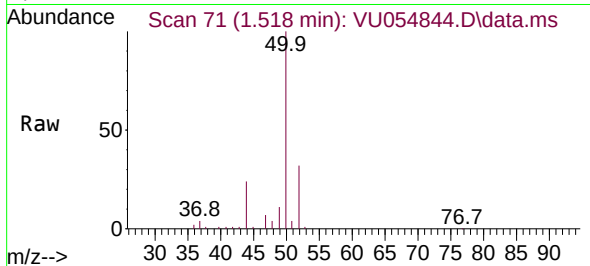
Tgt Ion: 85 Resp: 26147
Ion Ratio Lower Upper
85 100
87 35.9 16.2 48.6





#3
Chloromethane
Concen: 4.928 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

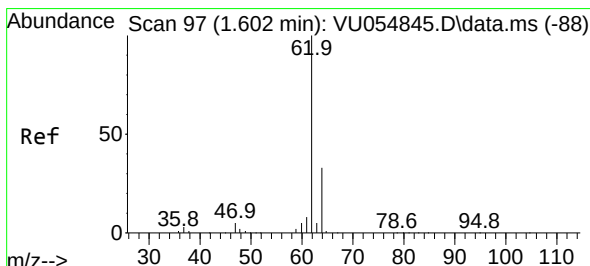
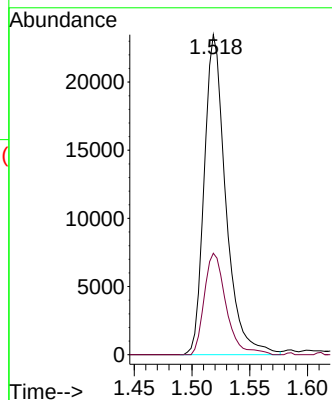
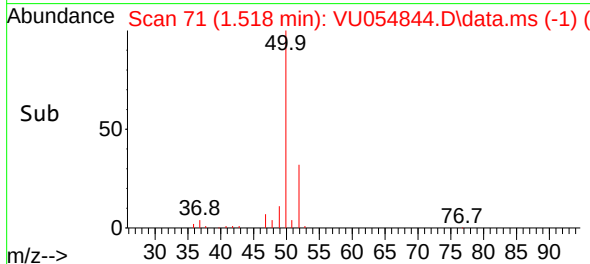
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 30534
Ion Ratio Lower Upper
50 100
52 31.7 28.2 42.2

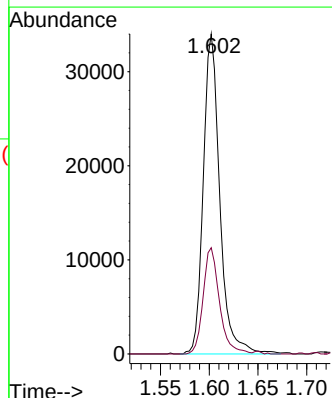
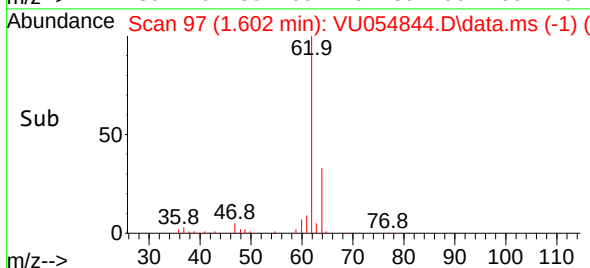
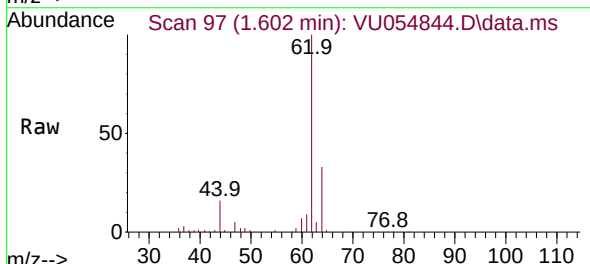
Manual Integrations
APPROVED

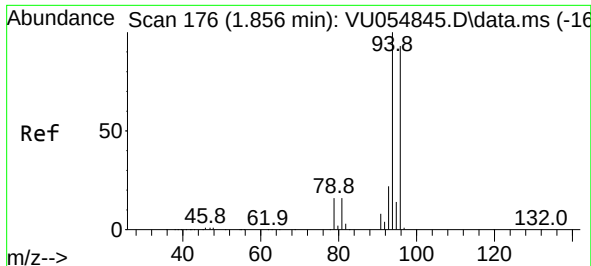
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 5.034 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

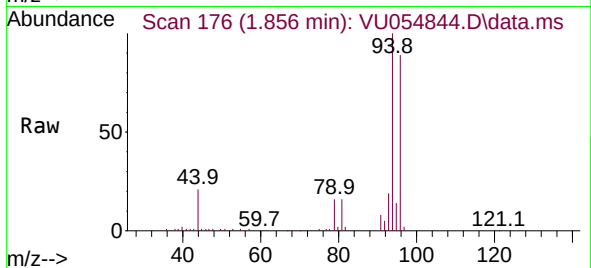
Tgt Ion: 62 Resp: 40039
Ion Ratio Lower Upper
62 100
64 33.2 26.4 39.6





#5
Bromomethane
Concen: 5.135 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

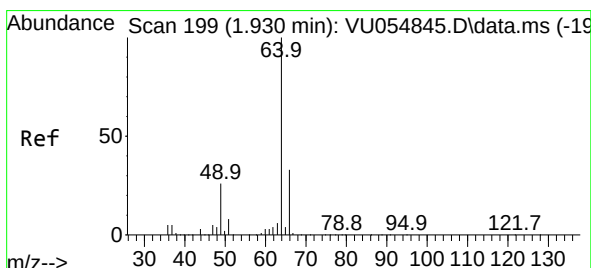
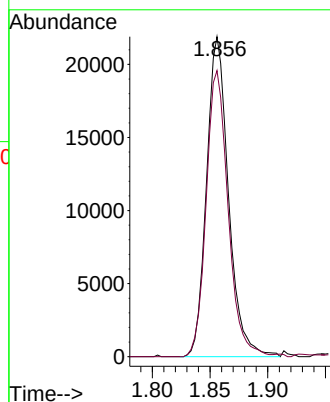
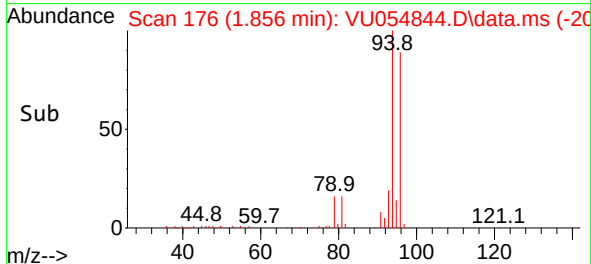
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



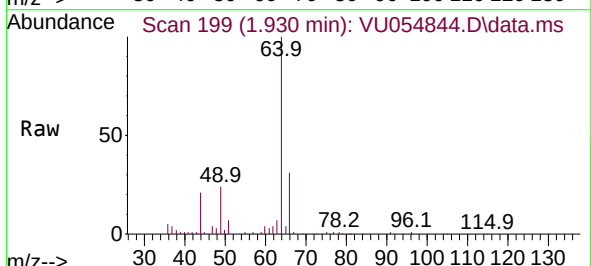
Tgt Ion: 94 Resp: 28988
Ion Ratio Lower Upper
94 100
96 89.4 74.6 111.8

Manual Integrations
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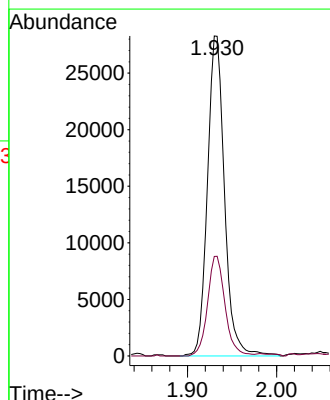
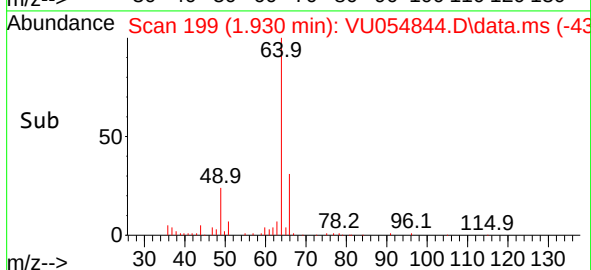
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Supervised By :Mahesh Dadoda 07/31/2023

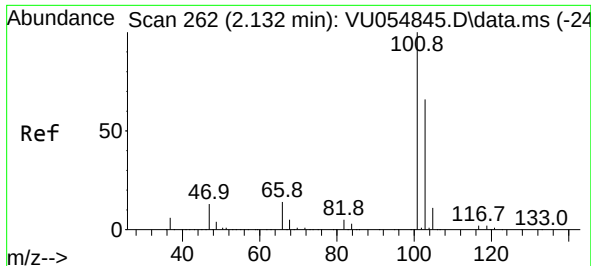


#6
Chloroethane
Concen: 4.993 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09



Tgt Ion: 64 Resp: 37527
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.4





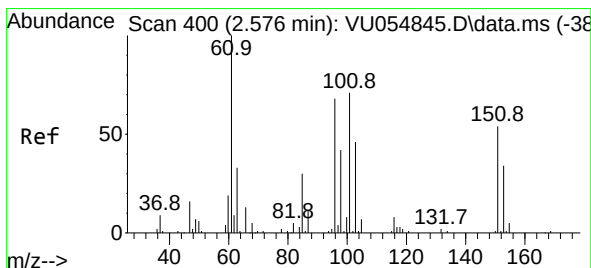
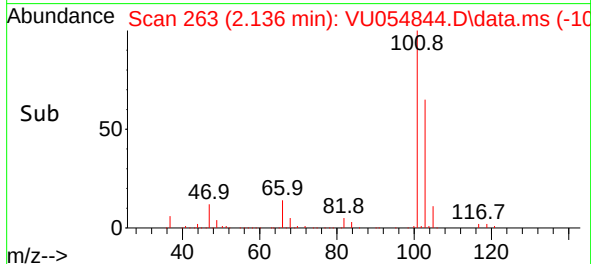
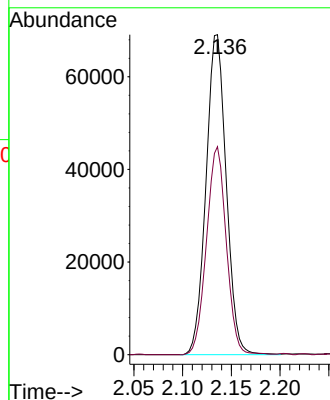
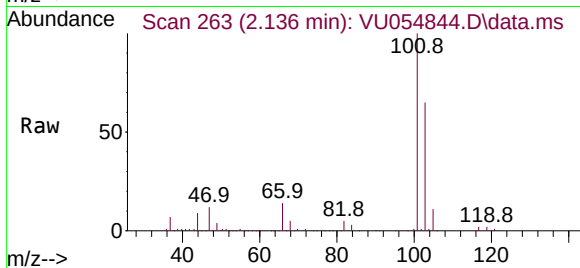
#7
Trichlorofluoromethane
Concen: 5.180 ug/l
RT: 2.136 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 9985
Ion Ratio Lower Upper
101 100
103 65.0 52.9 79.3

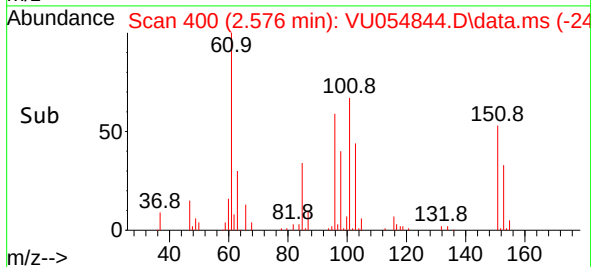
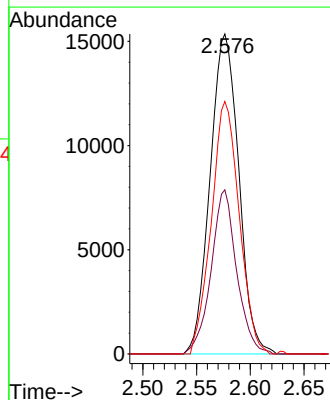
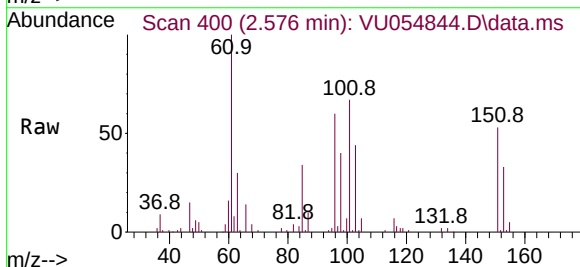
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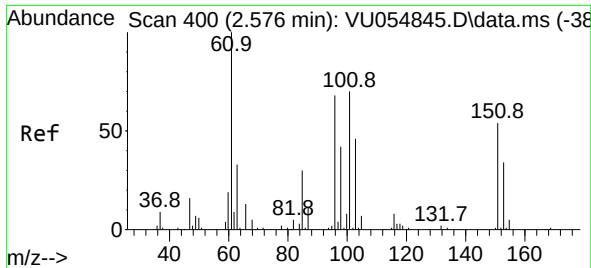
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.158 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion:101 Resp: 28489
Ion Ratio Lower Upper
101 100
85 45.8 34.8 52.2
151 76.7 60.5 90.7





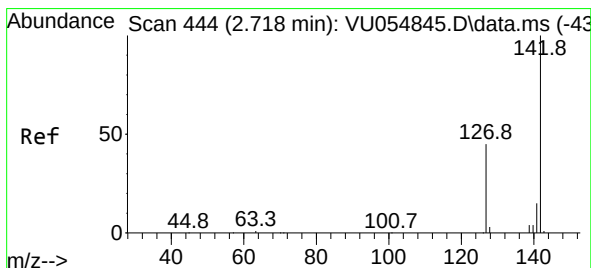
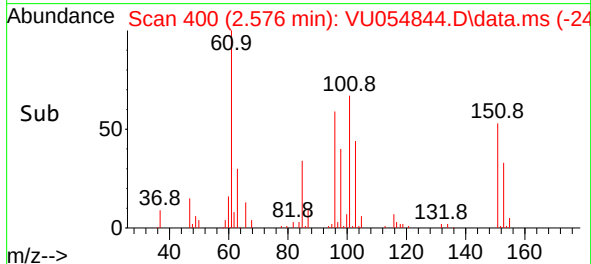
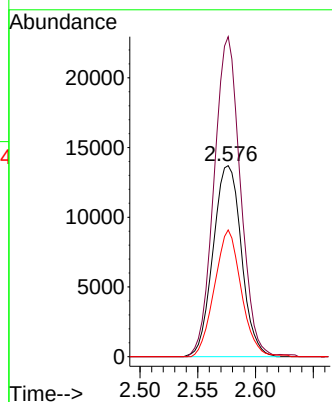
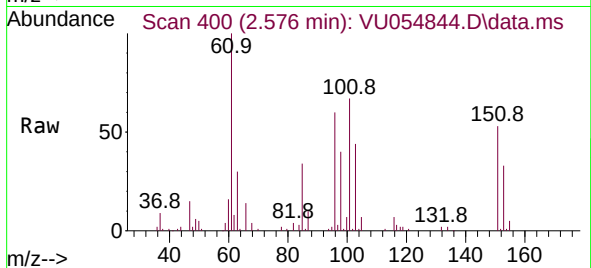
#9
1,1-Dichloroethene
Concen: 5.053 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 23309
Ion Ratio Lower Upper
96 100
61 167.5 0.0 440.1
98 66.3 0.0 121.8

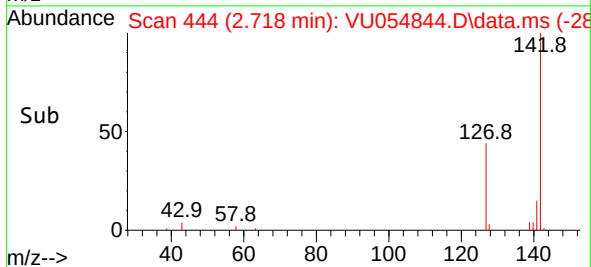
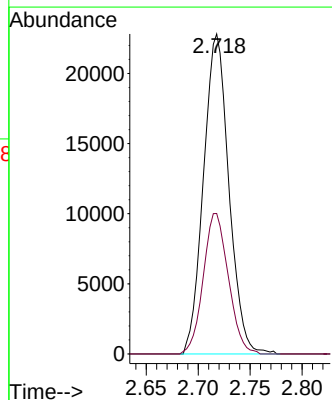
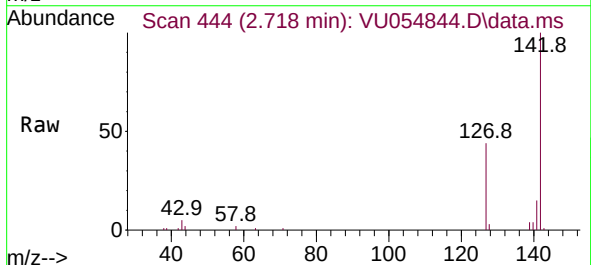
Manual Integrations
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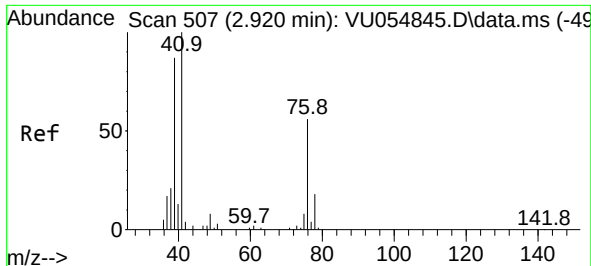
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 5.210 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

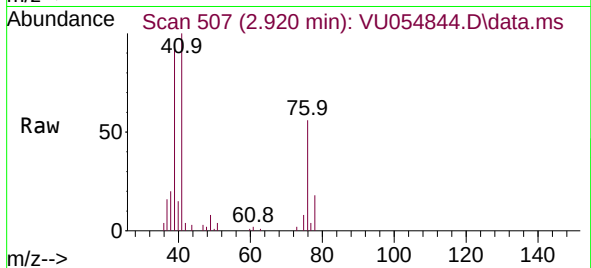
Tgt Ion:142 Resp: 38710
Ion Ratio Lower Upper
142 100
127 43.5 34.3 51.5





#11
 Allyl Chloride
 Concen: 4.928 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU054844.D
 Acq: 21 Jul 2023 18:09

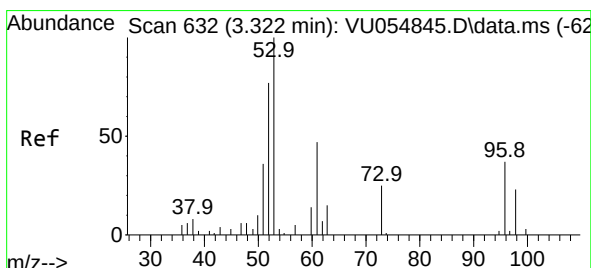
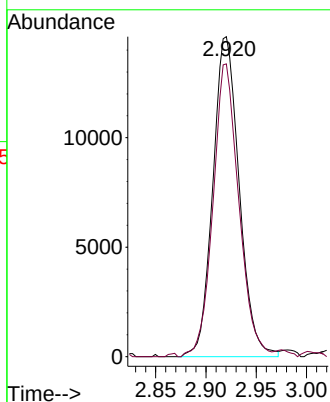
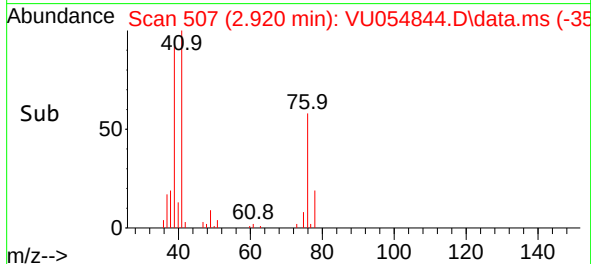
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



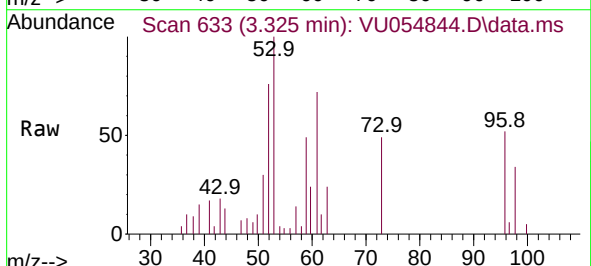
Tgt Ion: 41 Resp: 2666
 Ion Ratio Lower Upper
 41 100
 39 89.4 70.2 105.2

Manual Integrations
 APPROVED

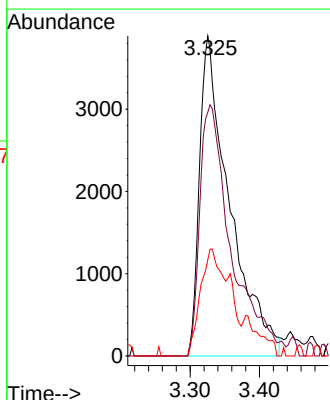
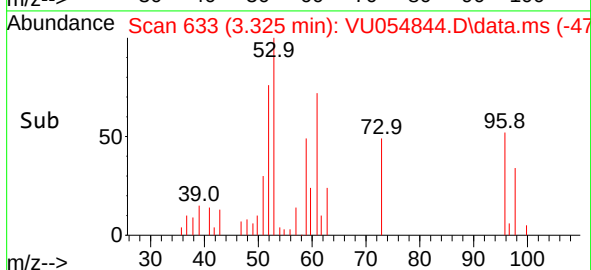
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

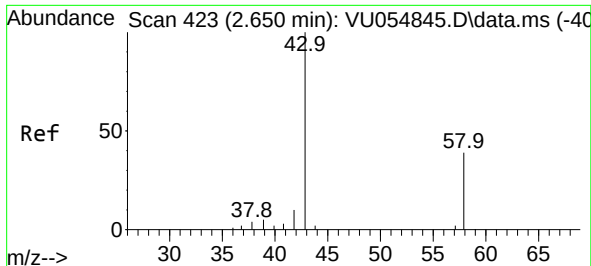


#12
 Acrylonitrile
 Concen: 10.583 ug/l m
 RT: 3.325 min Scan# 633
 Delta R.T. 0.003 min
 Lab File: VU054844.D
 Acq: 21 Jul 2023 18:09



Tgt Ion: 53 Resp: 11695
 Ion Ratio Lower Upper
 53 100
 52 82.1 64.2 96.4
 51 24.3 33.6 50.4#





#13

Acetone

Concen: 24.097 ug/l m

RT: 2.647 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 2345

Ion Ratio Lower Upper

43 100

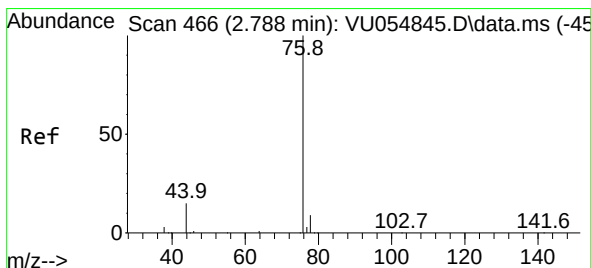
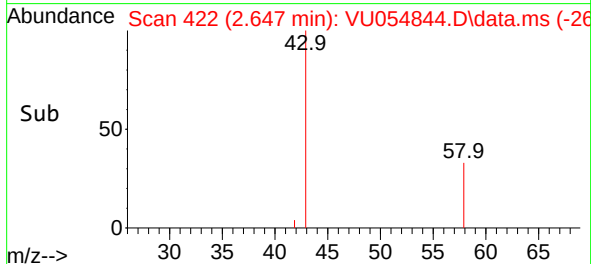
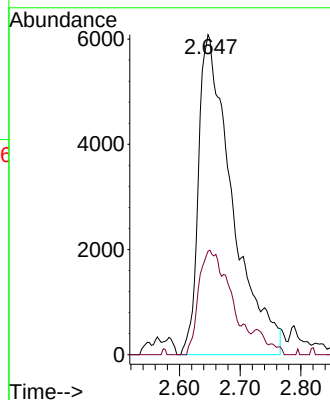
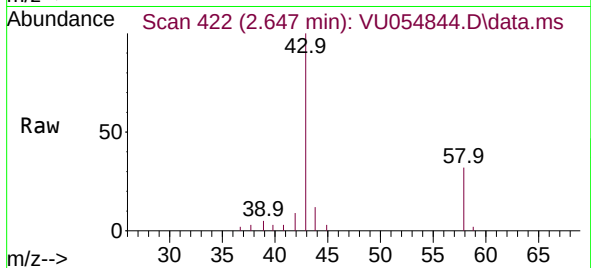
58 32.4 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#14

Carbon Disulfide

Concen: 5.217 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054844.D

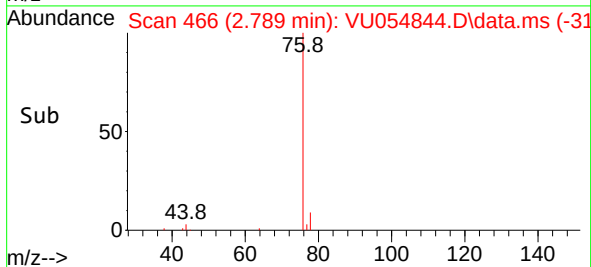
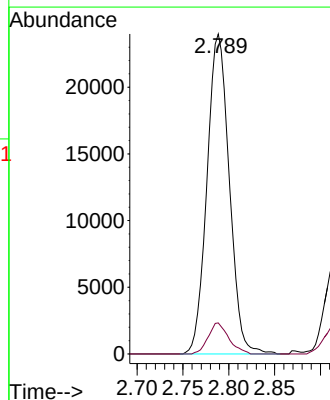
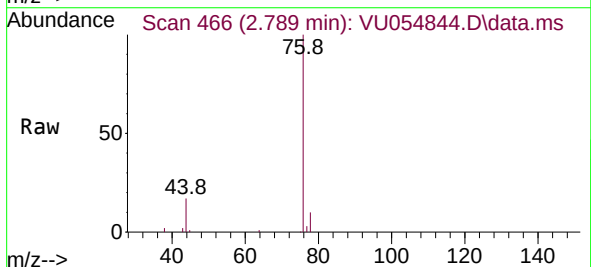
Acq: 21 Jul 2023 18:09

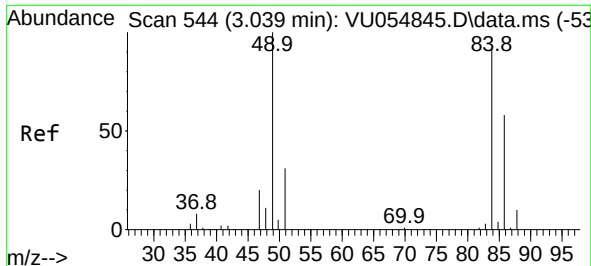
Tgt Ion: 76 Resp: 40571

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7





#15
Methylene Chloride
Concen: 5.250 ug/l
RT: 3.043 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

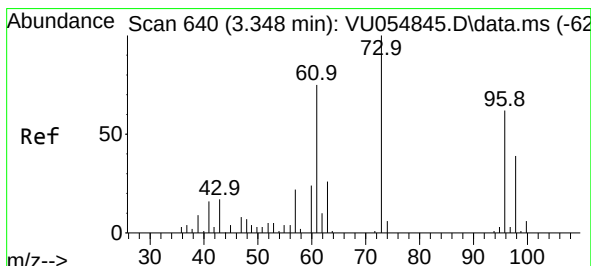
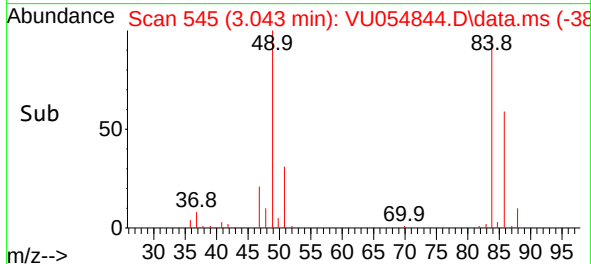
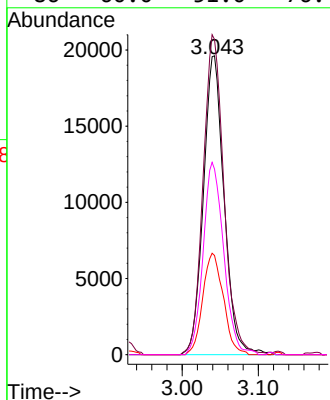
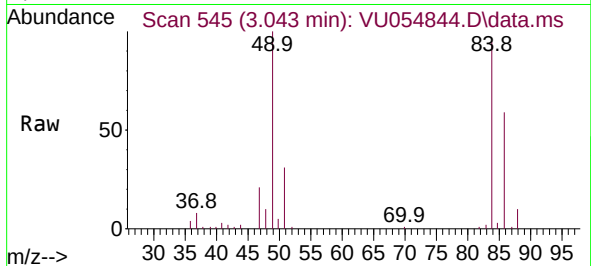
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 84 Resp: 3714

Ion	Ratio	Lower	Upper
84	100		
49	102.0	87.8	131.6
51	32.1	0.0	68.2
86	60.0	51.0	76.4

Manual Integrations
APPROVED

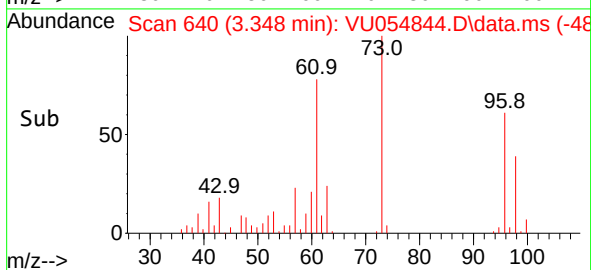
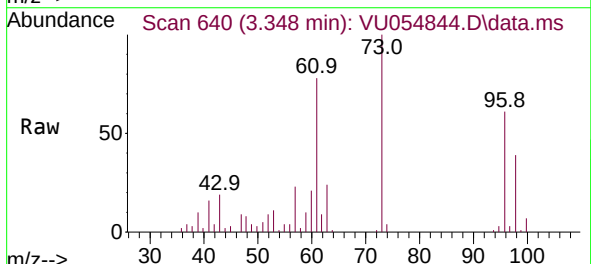
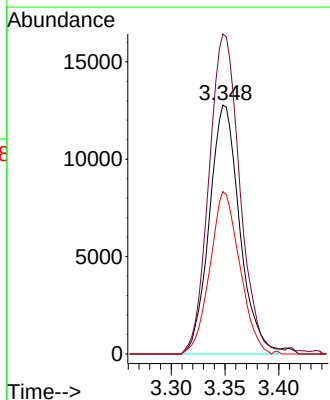
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

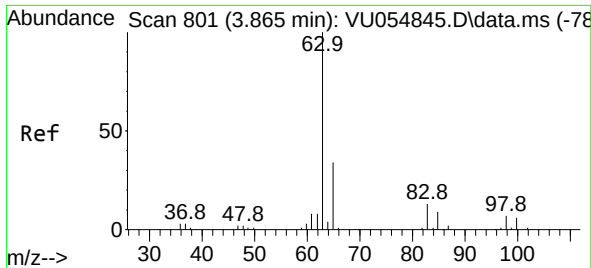


#16
trans-1,2-Dichloroethene
Concen: 4.892 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion: 96 Resp: 25074

Ion	Ratio	Lower	Upper
96	100		
61	123.2	96.4	144.6
98	62.5	49.3	73.9





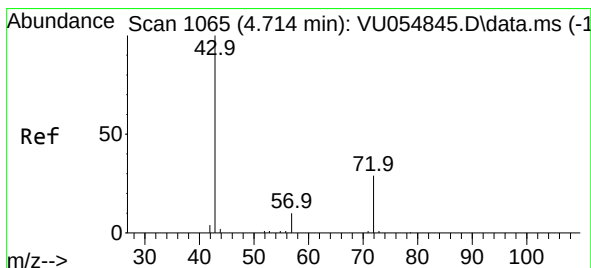
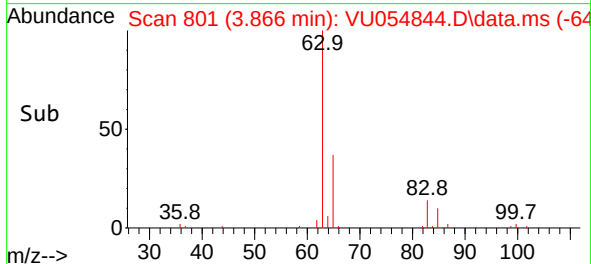
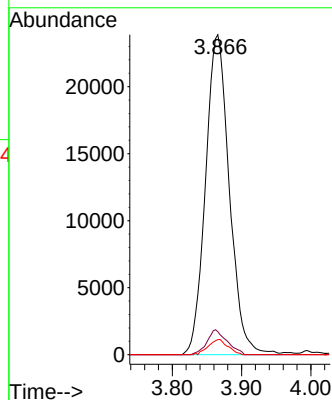
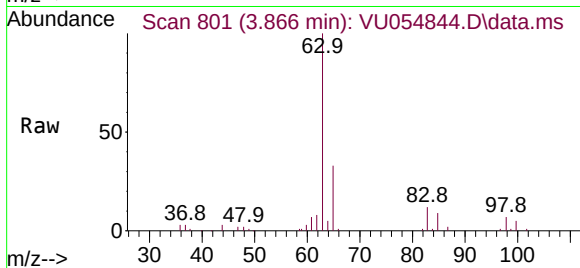
#17
1,1-Dichloroethane
Concen: 5.255 ug/l
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
Client Sample Id :
VSTDIC005

Tgt Ion: 63 Resp: 5700
Ion Ratio Lower Upper
63 100
98 7.9 3.6 10.8
100 4.7 2.8 8.4

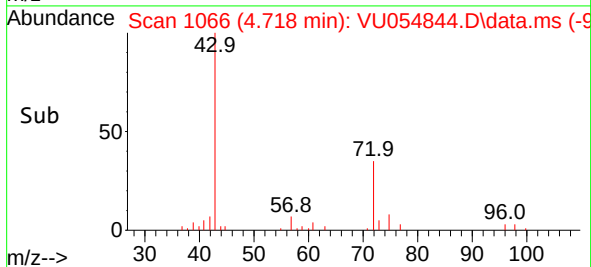
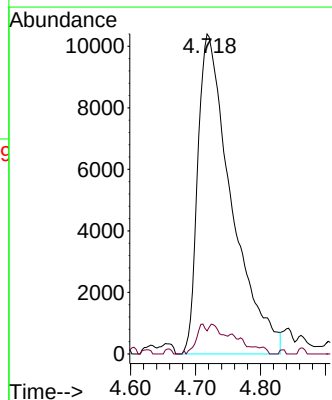
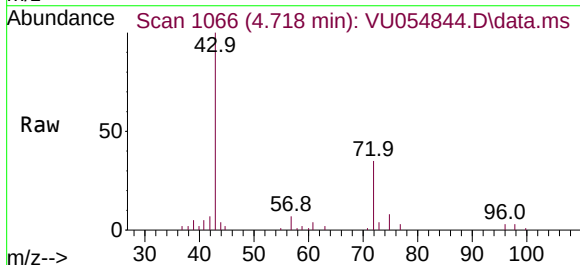
Manual Integrations
APPROVED

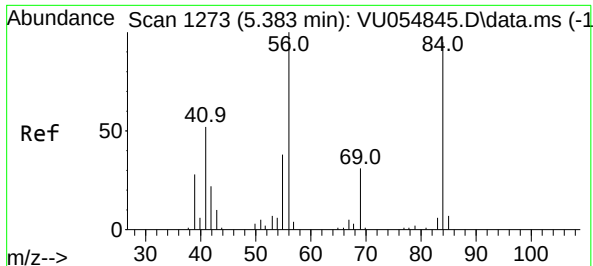
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 27.079 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion: 43 Resp: 37365
Ion Ratio Lower Upper
43 100
57 7.2 0.0 20.8





#19

Cyclohexane

Concen: 4.486 ug/l

RT: 5.383 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

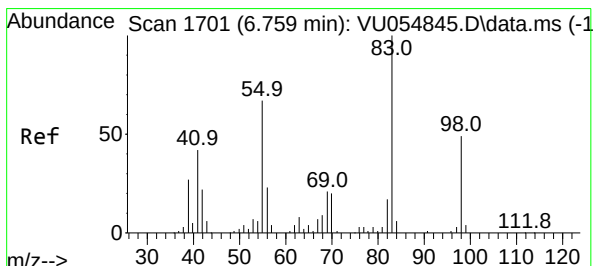
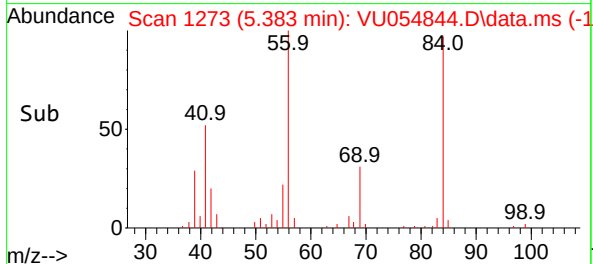
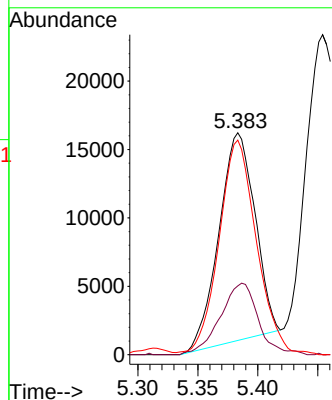
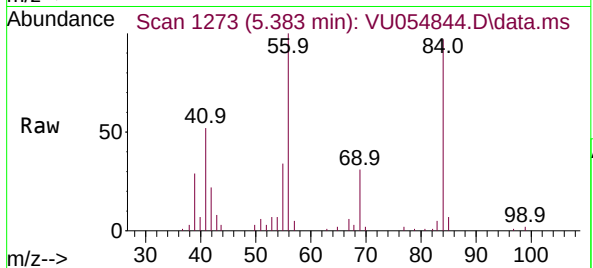
VSTDICC005

Tgt Ion:	56	Resp:	3181
Ion Ratio	Lower	Upper	
56	100		
69	36.1	24.7	37.1
84	105.9	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20

Methylcyclohexane

Concen: 5.198 ug/l

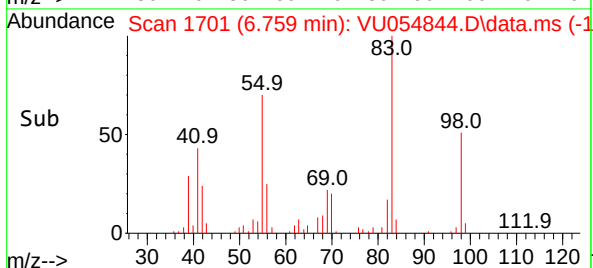
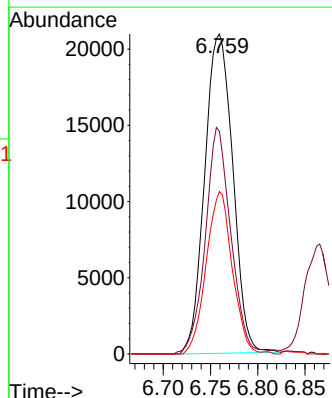
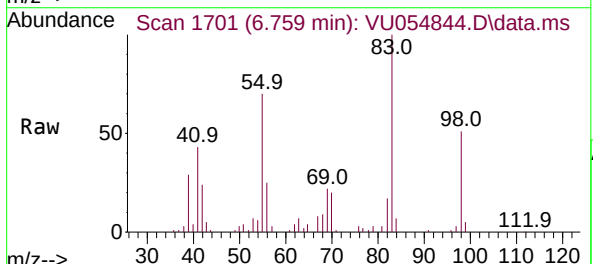
RT: 6.759 min Scan# 1701

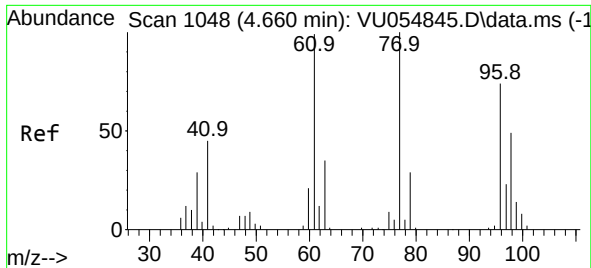
Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Tgt Ion:	83	Resp:	43352
Ion Ratio	Lower	Upper	
83	100		
55	62.9	51.6	77.4
98	46.3	38.2	57.2





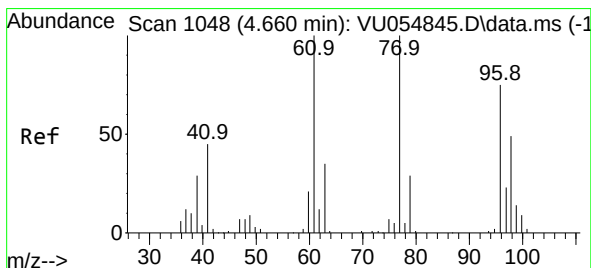
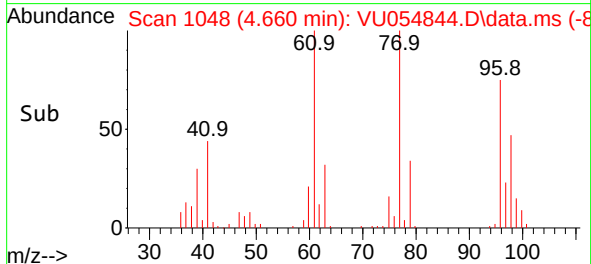
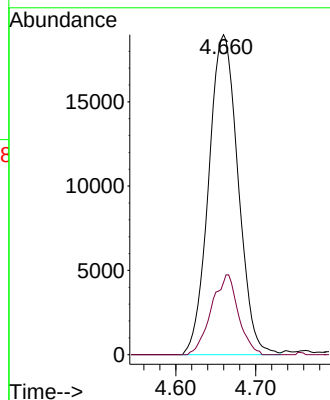
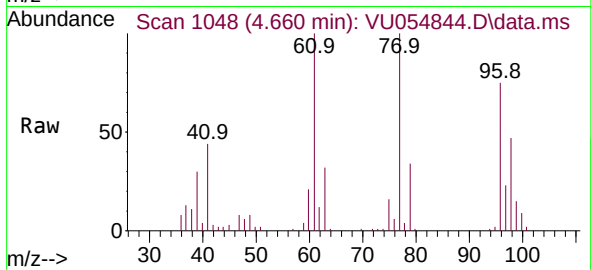
#21
2,2-Dichloropropane
Concen: 5.123 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 4846
Ion Ratio Lower Upper
77 100
97 22.8 18.0 27.0

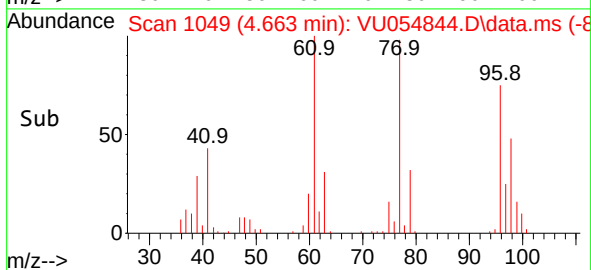
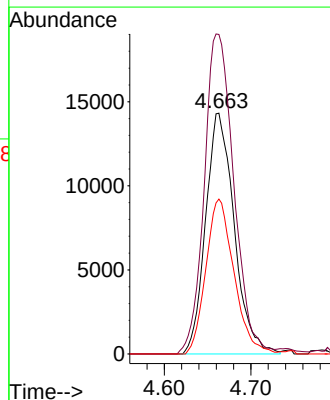
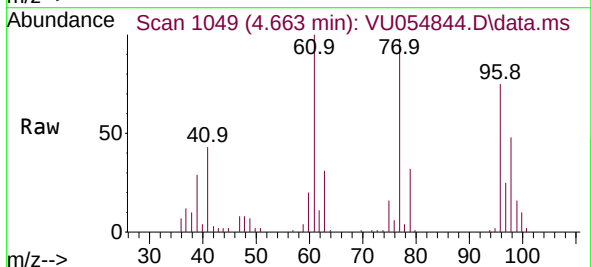
Manual Integrations
APPROVED

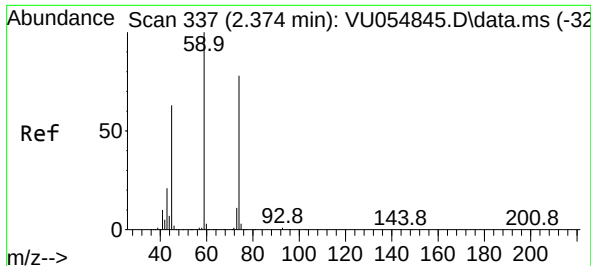
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 5.062 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

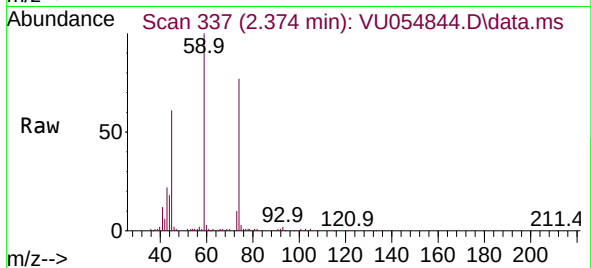
Tgt Ion: 96 Resp: 32855
Ion Ratio Lower Upper
96 100
61 137.3 0.0 332.0
98 63.3 32.5 97.5





#23
Diethyl Ether
Concen: 5.215 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

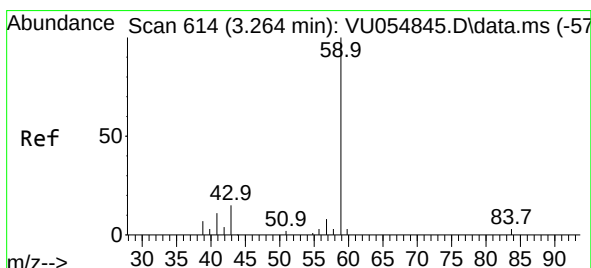
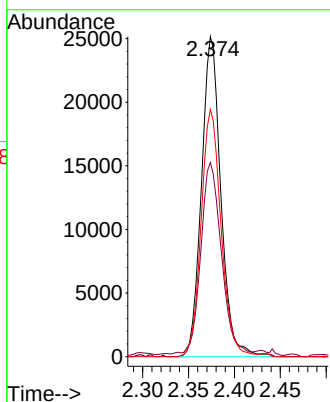
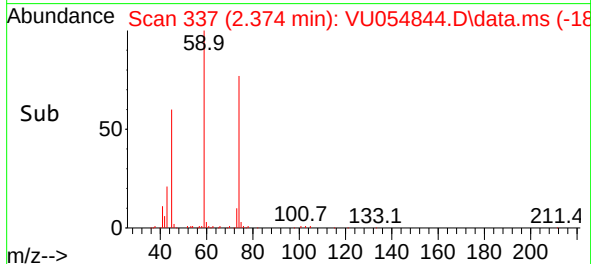
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 59 Resp: 3695
Ion Ratio Lower Upper
59 100
45 62.5 51.4 77.0
74 79.4 63.1 94.7

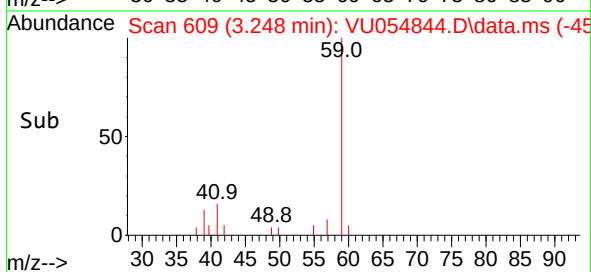
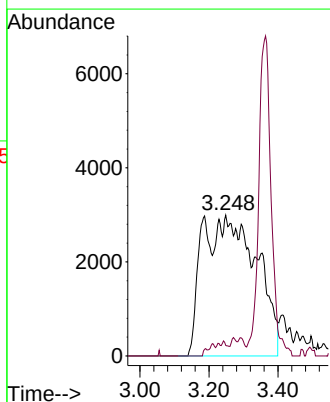
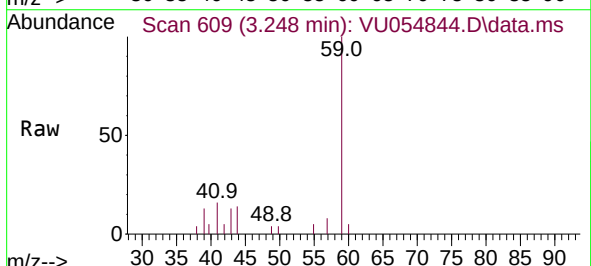
Manual Integrations
APPROVED

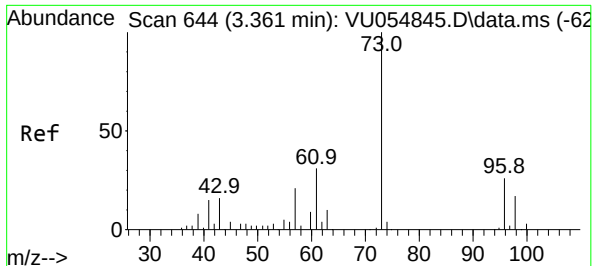
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 49.415 ug/l m
RT: 3.248 min Scan# 609
Delta R.T. -0.016 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion: 59 Resp: 32633
Ion Ratio Lower Upper
59 100
57 52.2 2.2 3.2#





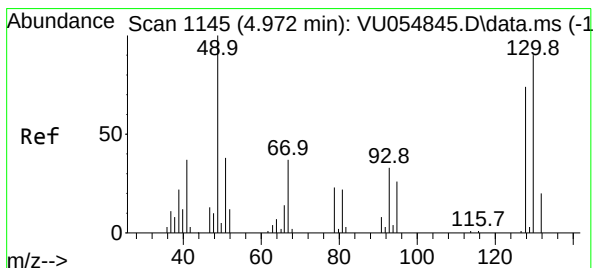
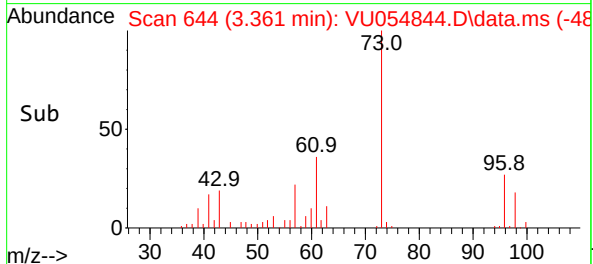
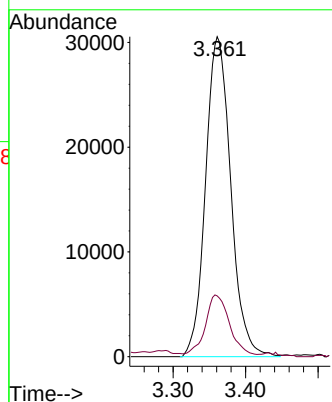
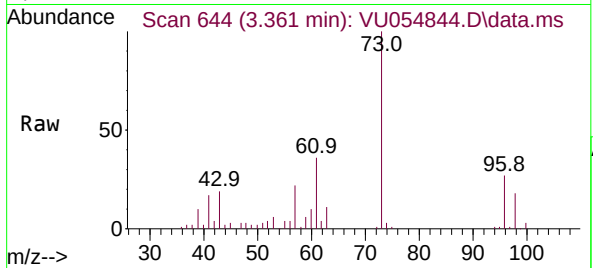
#25
Methyl tert-Butyl Ether
Concen: 5.237 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 73708
Ion Ratio Lower Upper
73 100
43 17.2 14.6 22.0

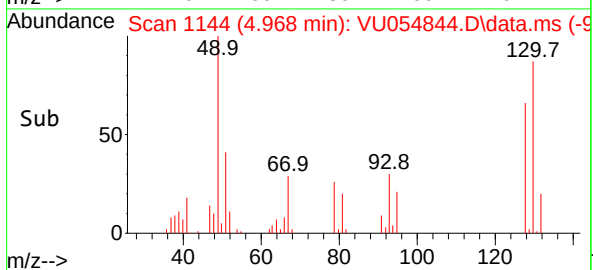
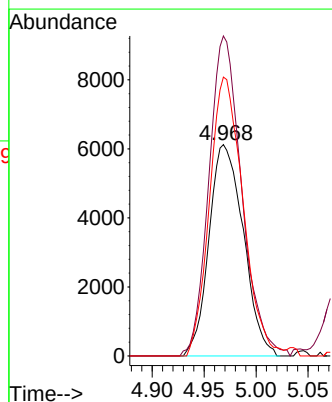
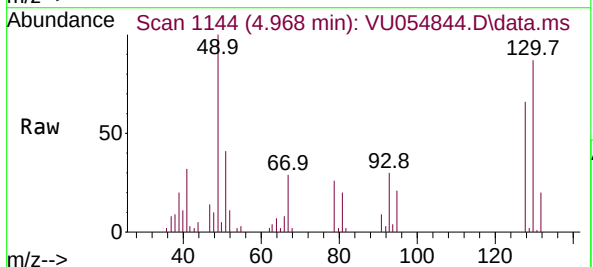
Manual Integrations
APPROVED

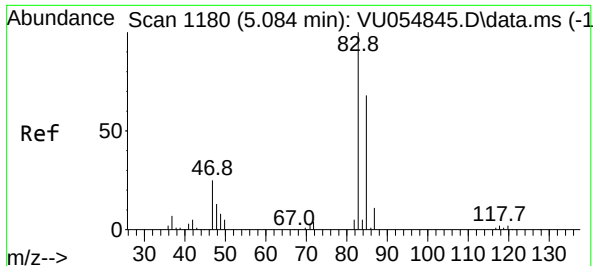
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 5.684 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion:128 Resp: 14063
Ion Ratio Lower Upper
128 100
49 144.4 0.0 304.0
130 128.6 104.3 156.5





#27

Chloroform

Concen: 5.097 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 60749

Ion Ratio Lower Upper

83 100

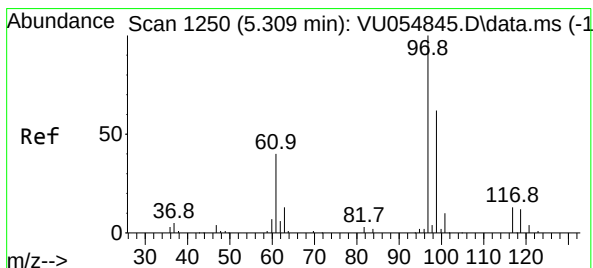
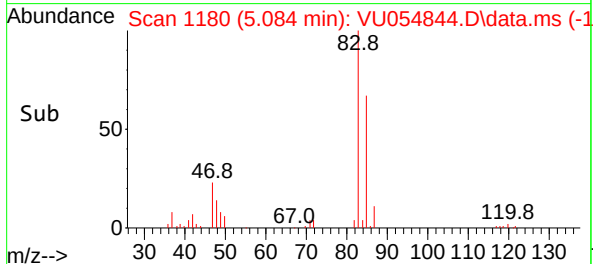
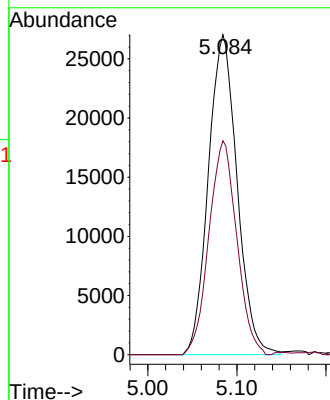
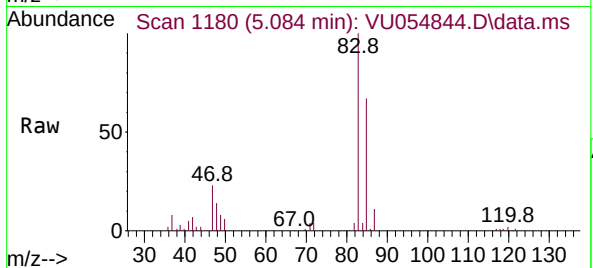
85 66.9 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

1,1,1-Trichloroethane

Concen: 5.272 ug/l

RT: 5.313 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

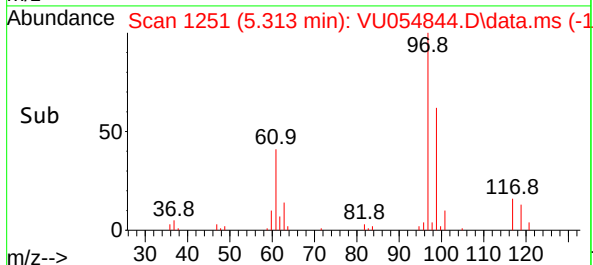
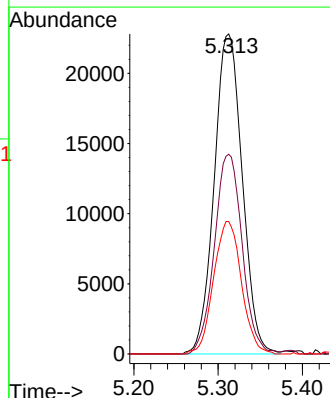
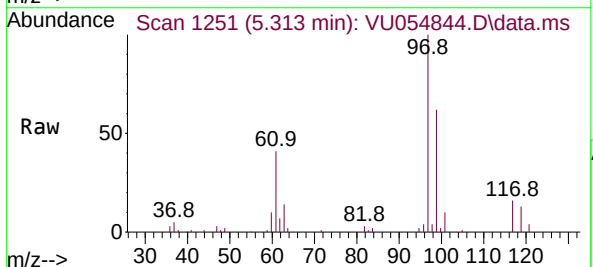
Tgt Ion: 97 Resp: 52806

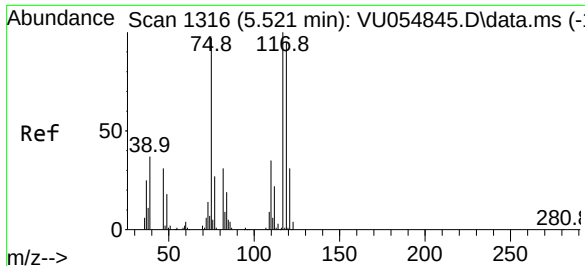
Ion Ratio Lower Upper

97 100

99 61.8 32.0 96.2

61 41.1 21.0 63.0





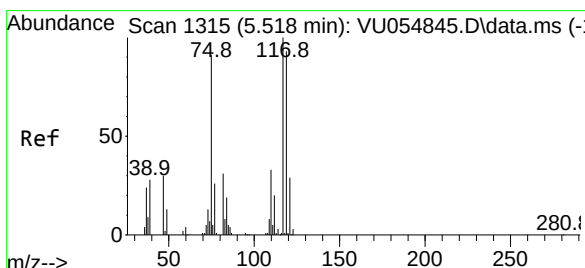
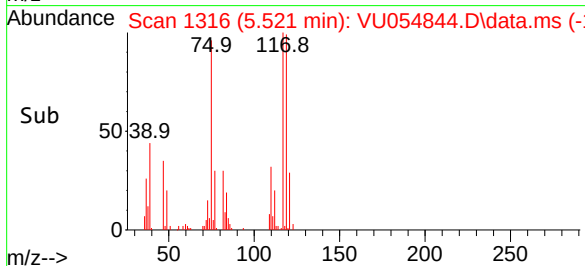
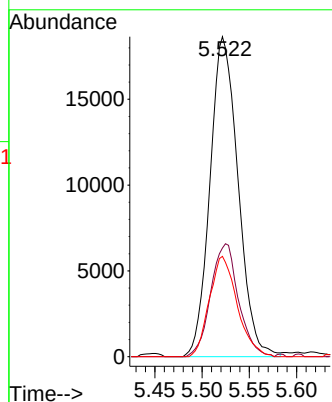
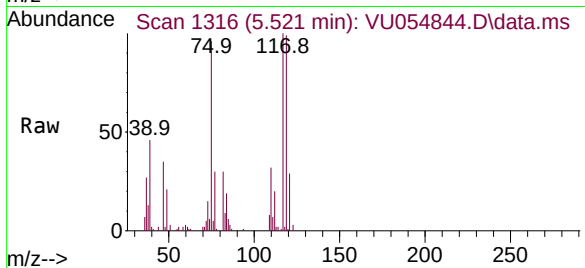
#29
1,1-Dichloropropene
Concen: 5.413 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3856
Ion Ratio Lower Upper
75 100
110 34.9 18.5 55.5
77 31.0 24.9 37.3

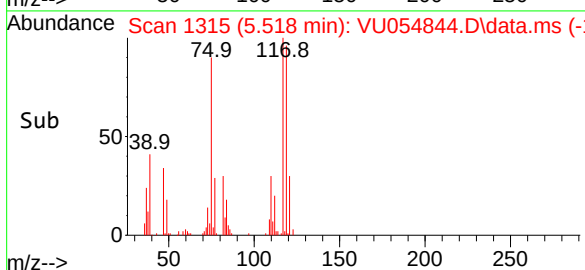
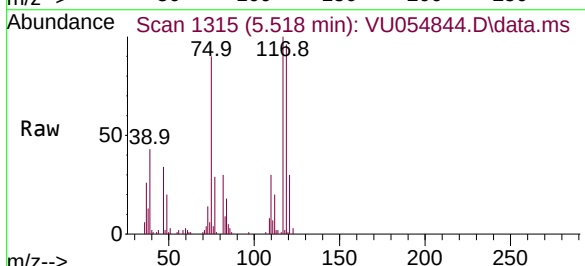
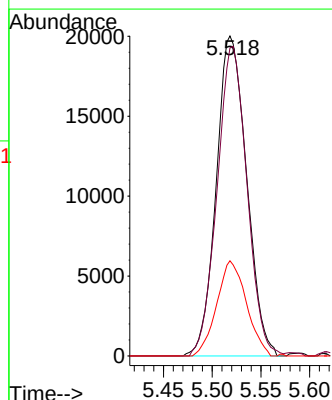
Manual Integrations
APPROVED

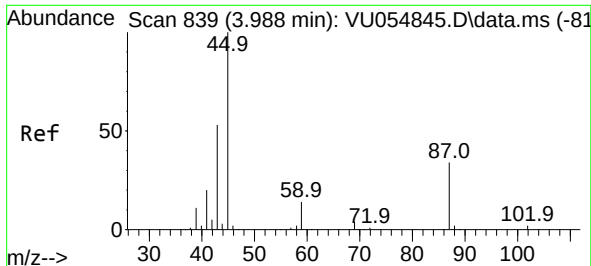
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#30
Carbon Tetrachloride
Concen: 5.208 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion:117 Resp: 43355
Ion Ratio Lower Upper
117 100
119 97.4 75.6 113.4
121 29.7 23.4 35.0





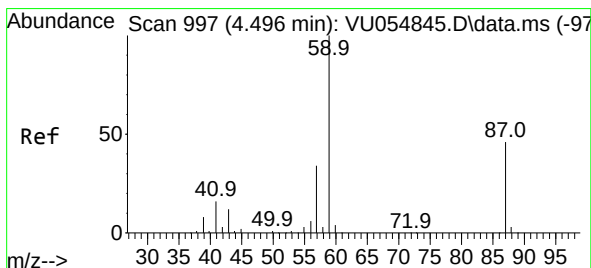
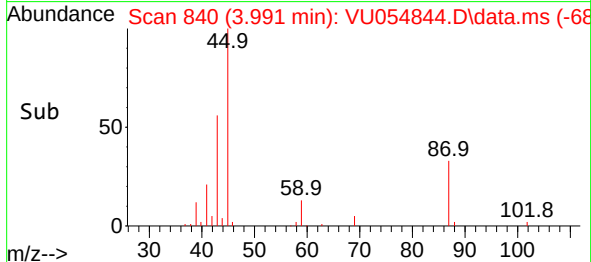
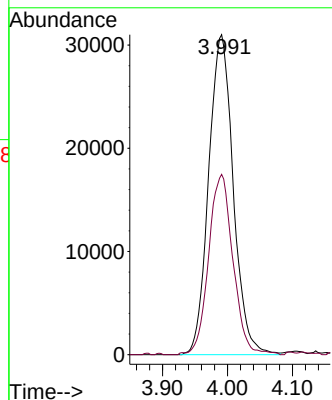
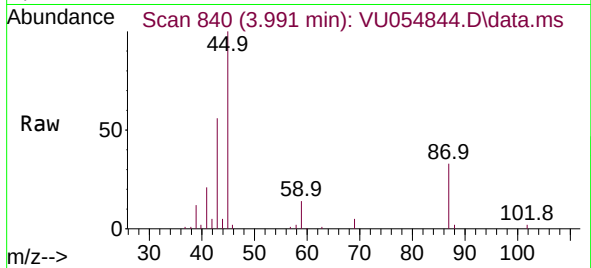
#31
Isopropyl Ether
Concen: 5.081 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 45 Resp: 81564
Ion Ratio Lower Upper
45 100
43 55.8 26.4 79.2

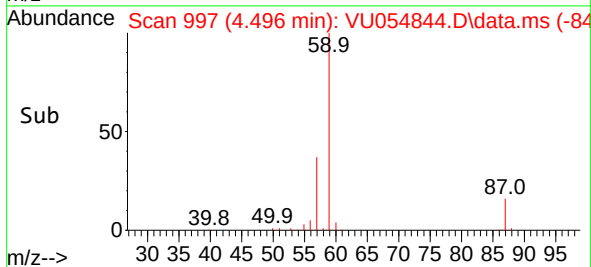
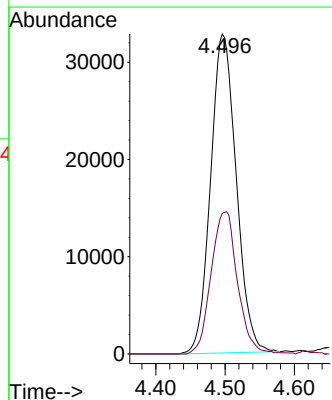
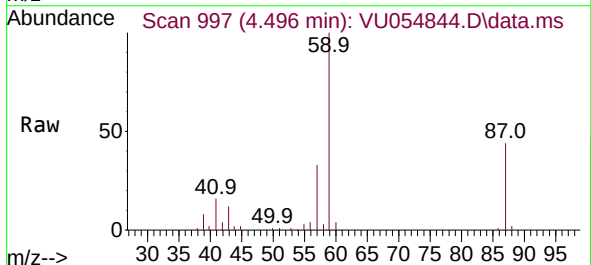
Manual Integrations
APPROVED

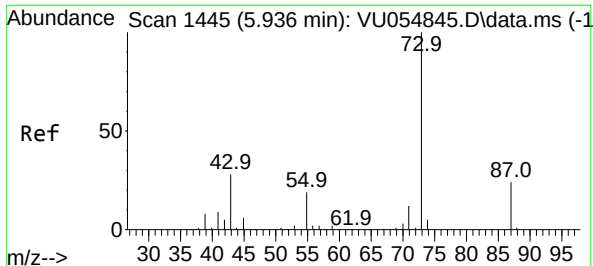
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 5.118 ug/l
RT: 4.496 min Scan# 997
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

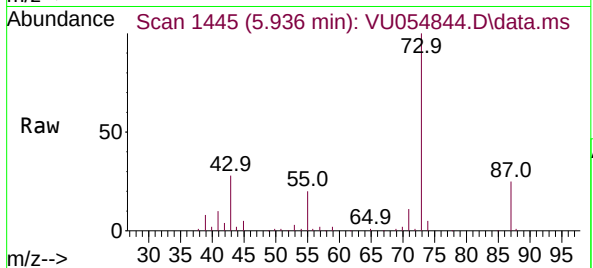
Tgt Ion: 59 Resp: 84424
Ion Ratio Lower Upper
59 100
87 46.0 35.7 53.5





#33
Tert-Amyl methyl ether
Concen: 5.149 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

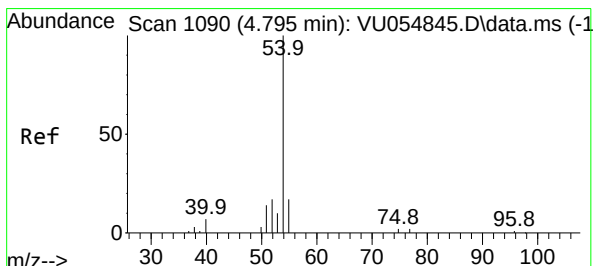
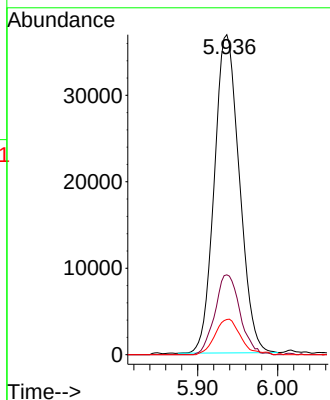
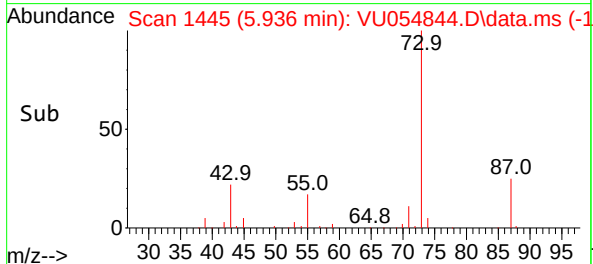
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



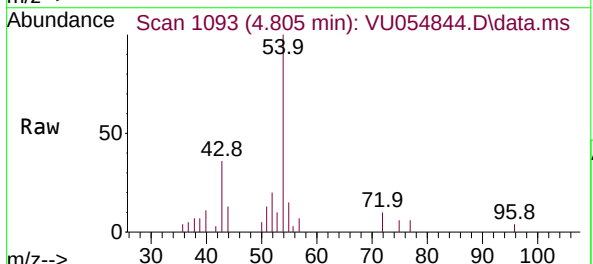
Tgt Ion: 73 Resp: 7994
Ion Ratio Lower Upper
73 100
87 25.1 19.6 29.4
71 11.5 9.1 13.7

Manual Integrations
APPROVED

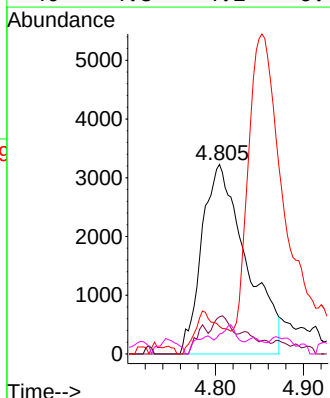
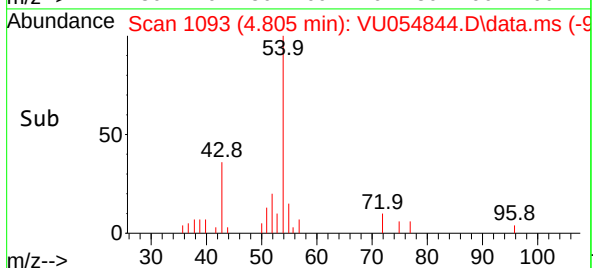
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

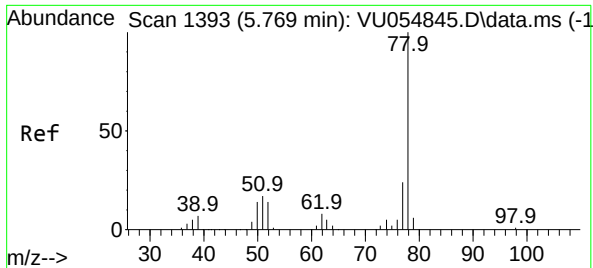


#34
Propionitrile
Concen: 24.999 ug/l m
RT: 4.805 min Scan# 1093
Delta R.T. 0.010 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09



Tgt Ion: 54 Resp: 11317
Ion Ratio Lower Upper
54 100
52 4.5 13.8 20.8#
55 0.0 4.8 7.2#
40 4.8 4.2 6.4





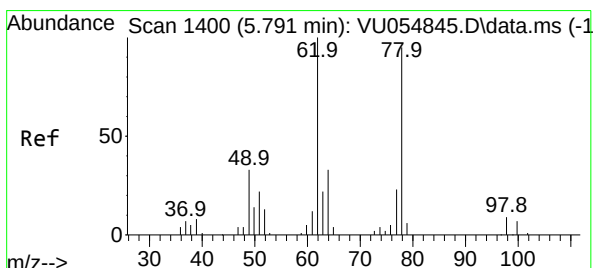
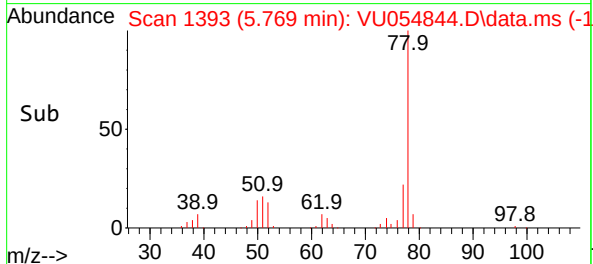
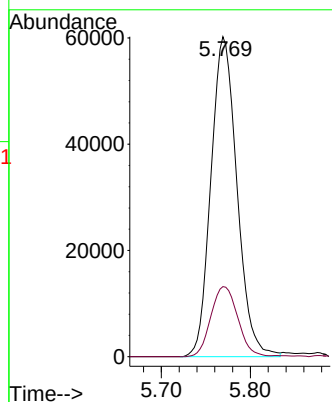
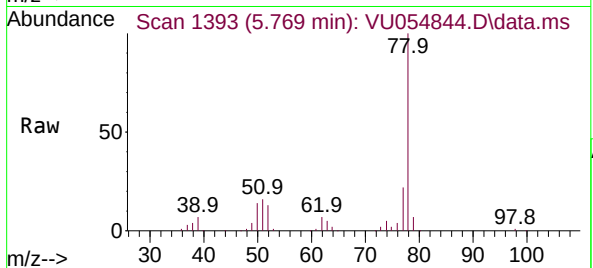
#35
Benzene
Concen: 5.286 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 78 Resp: 12239
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.2

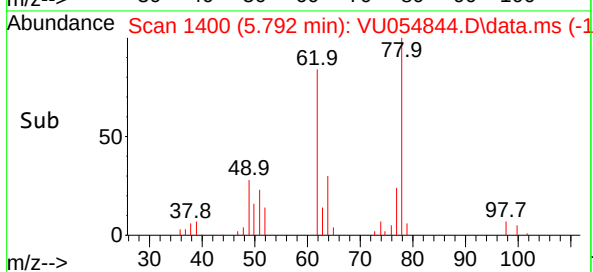
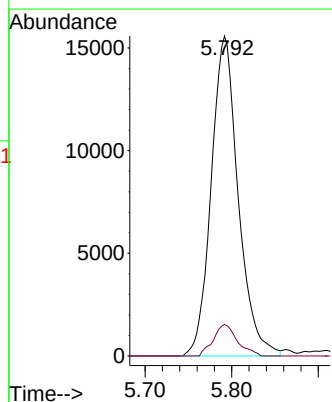
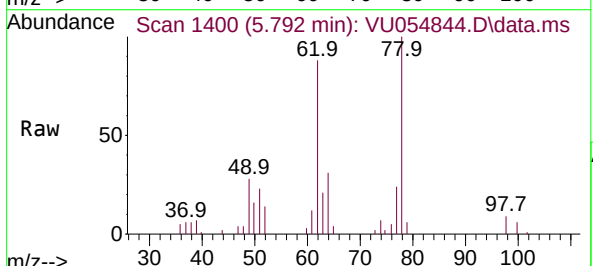
Manual Integrations
APPROVED

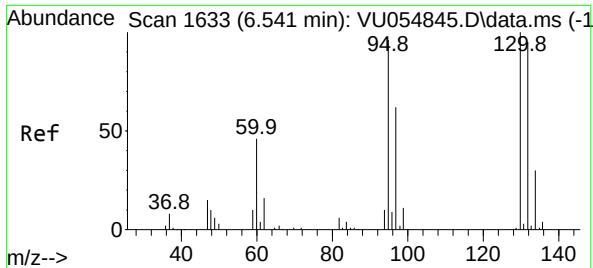
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 5.078 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

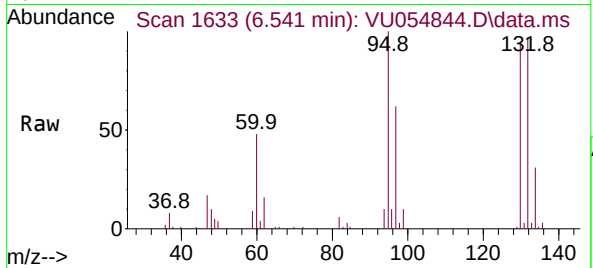
Tgt Ion: 62 Resp: 33777
Ion Ratio Lower Upper
62 100
98 8.7 7.8 11.8





#37
Trichloroethene
Concen: 5.043 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

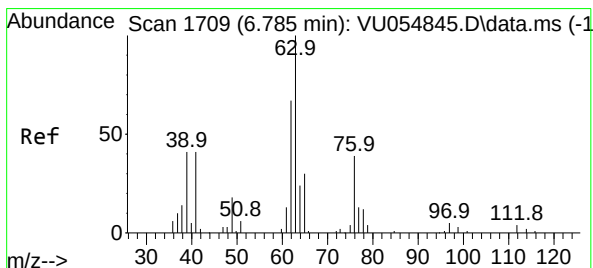
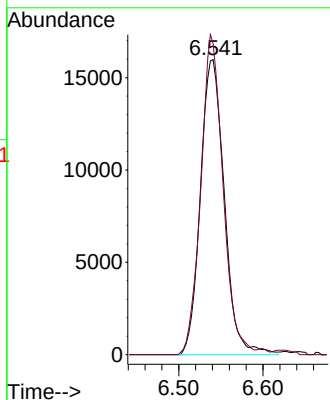
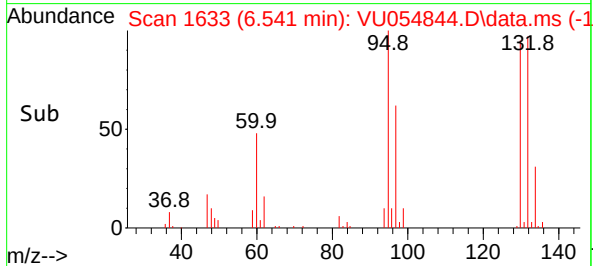
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



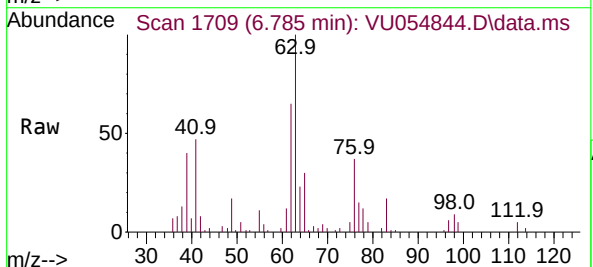
Tgt Ion:130 Resp: 3155
Ion Ratio Lower Upper
130 100
95 105.5 76.8 115.2

Manual Integrations
APPROVED

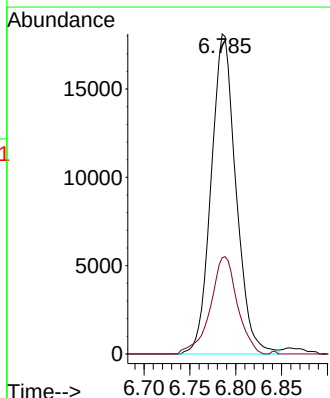
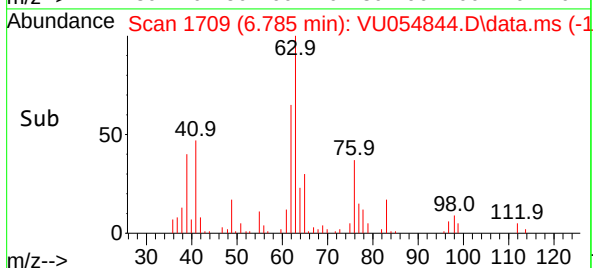
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

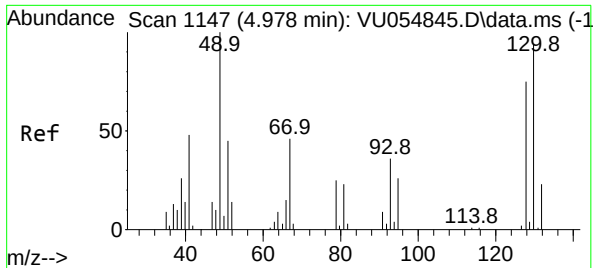


#38
1,2-Dichloropropane
Concen: 5.112 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09



Tgt Ion: 63 Resp: 34170
Ion Ratio Lower Upper
63 100
65 30.1 24.3 36.5





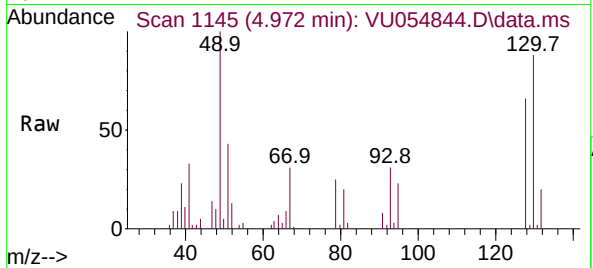
#39
Methacrylonitrile
Concen: 4.927 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

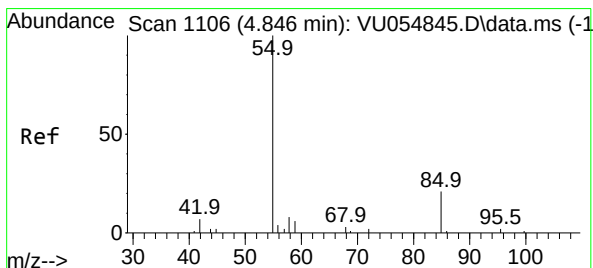
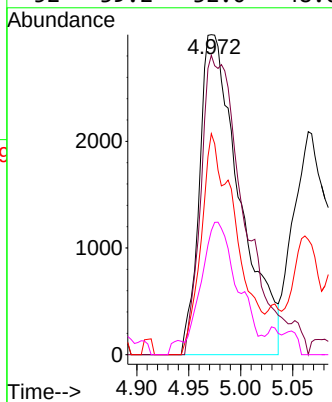
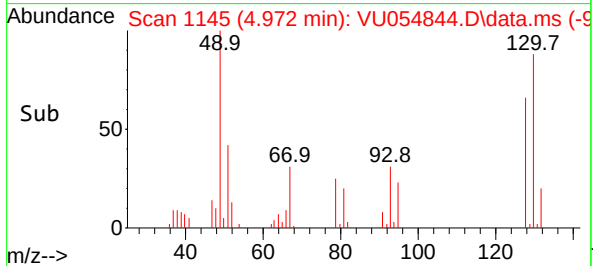


Tgt Ion: 41 Resp: 8124
Ion Ratio Lower Upper
41 100
67 98.5 77.0 115.4
39 60.6 50.4 75.6
52 39.2 32.0 48.0

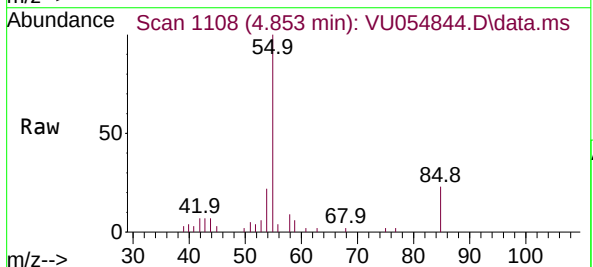
Manual Integrations

APPROVED

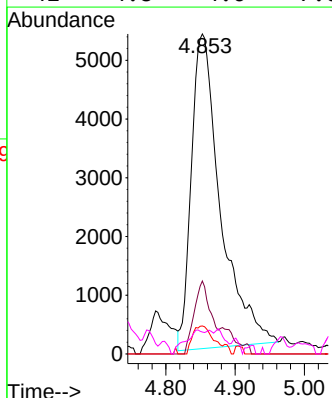
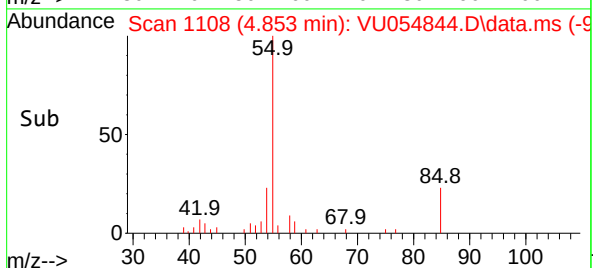
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

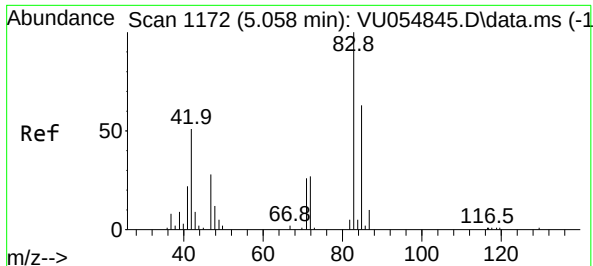


#40
Methyl acrylate
Concen: 5.582 ug/l
RT: 4.853 min Scan# 1108
Delta R.T. 0.007 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09



Tgt Ion: 55 Resp: 15674
Ion Ratio Lower Upper
55 100
85 13.4 13.0 19.6
58 6.3 5.7 8.5
42 4.8 4.6 7.0





#41

Tetrahydrofuran

Concen: 9.935 ug/l

RT: 5.068 min Scan# 1172

Delta R.T. 0.010 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

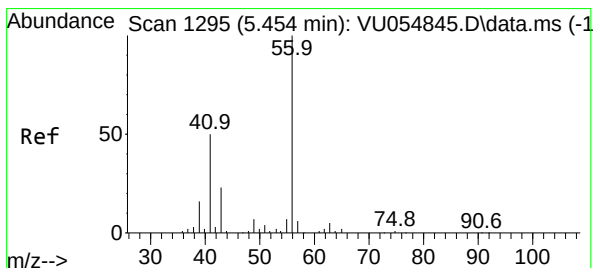
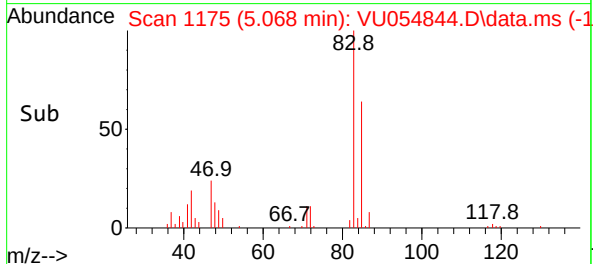
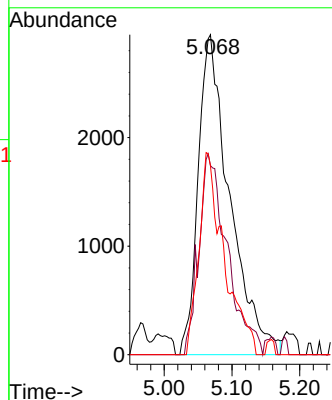
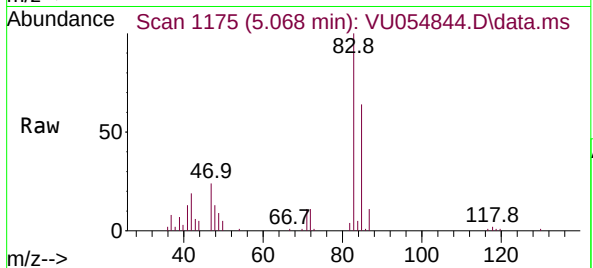
VSTDIC005

Tgt Ion:	42	Resp:	954
Ion Ratio	Lower	Upper	
42	100		
72	56.2	42.1	63.1
71	50.4	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42

1-Chlorobutane

Concen: 5.112 ug/l

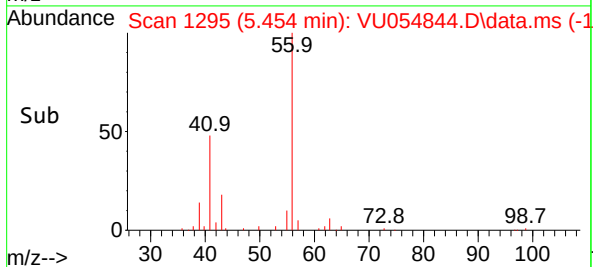
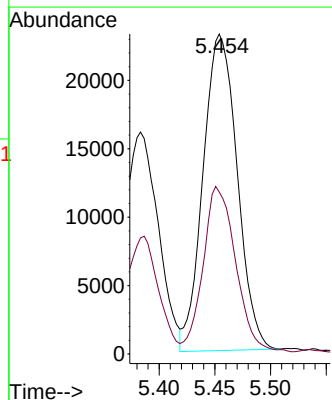
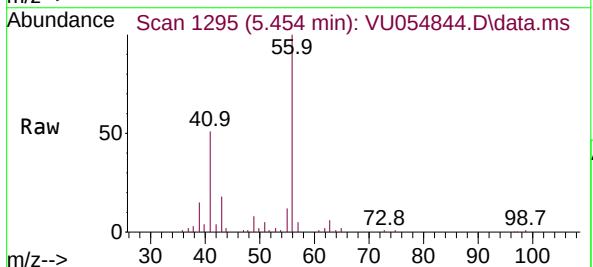
RT: 5.454 min Scan# 1295

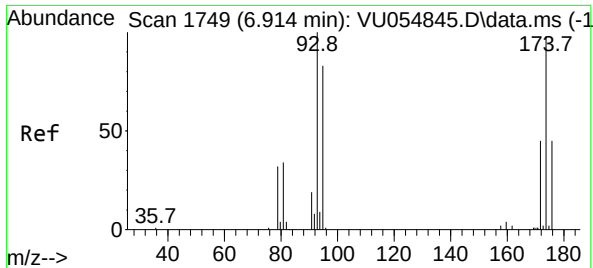
Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

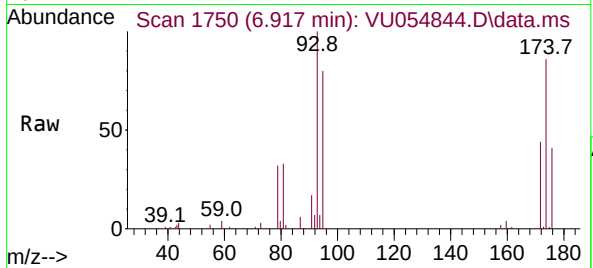
Tgt Ion:	56	Resp:	49266
Ion Ratio	Lower	Upper	
56	100		
41	50.2	23.9	71.7





#43
Dibromomethane
Concen: 5.564 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

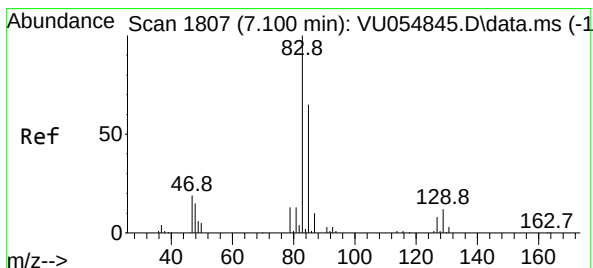
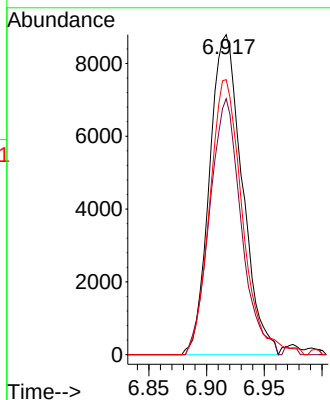
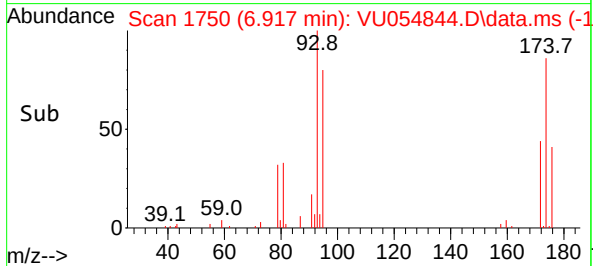
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



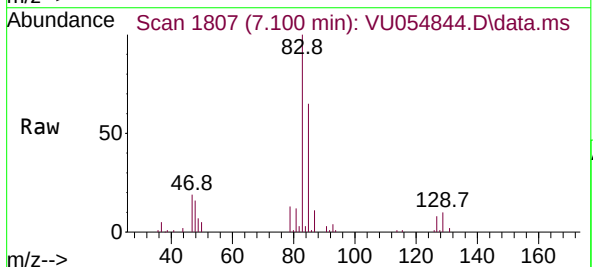
Tgt Ion: 93 Resp: 17299
Ion Ratio Lower Upper
93 100
95 77.0 64.7 97.1
174 85.9 74.4 111.6

Manual Integrations
APPROVED

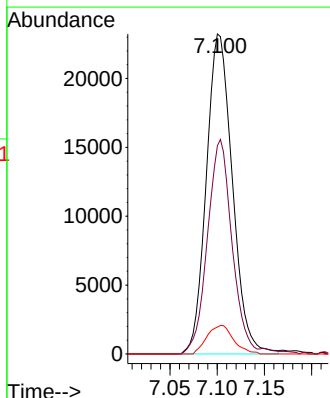
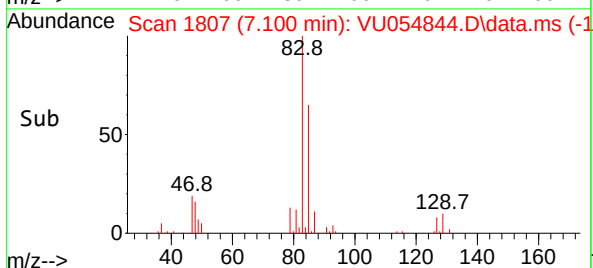
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

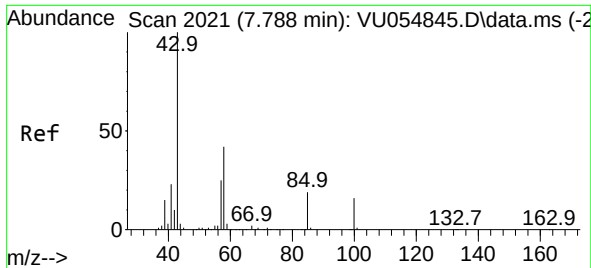


#44
Bromodichloromethane
Concen: 5.232 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09



Tgt Ion: 83 Resp: 44571
Ion Ratio Lower Upper
83 100
85 65.0 52.2 78.2
127 9.0 6.1 9.1





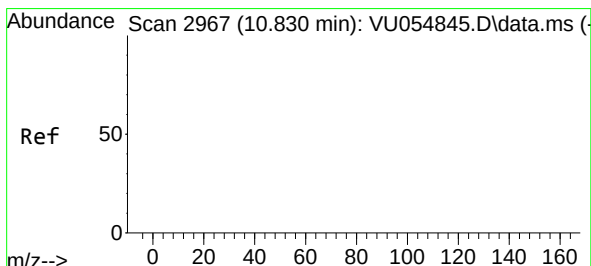
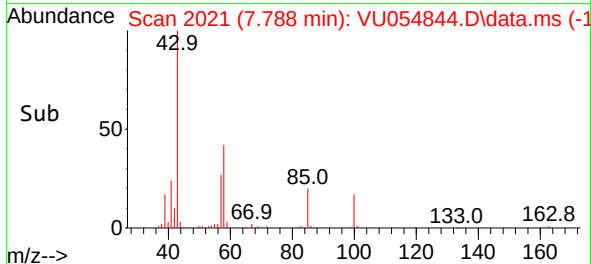
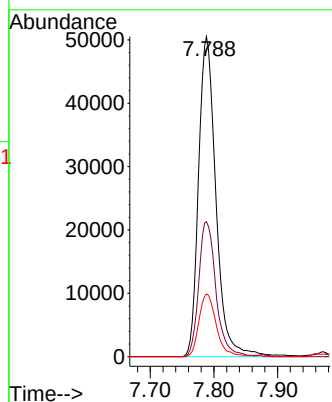
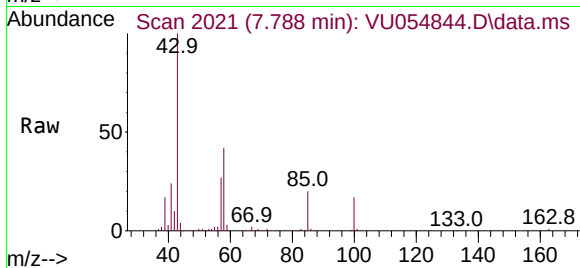
#45
4-Methyl-2-Pentanone
Concen: 26.063 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 9590
Ion Ratio Lower Upper
43 100
58 41.9 21.3 63.7
85 19.6 15.3 22.9

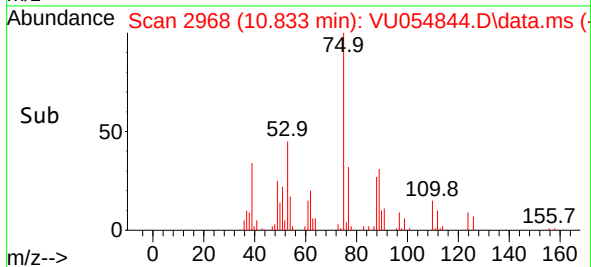
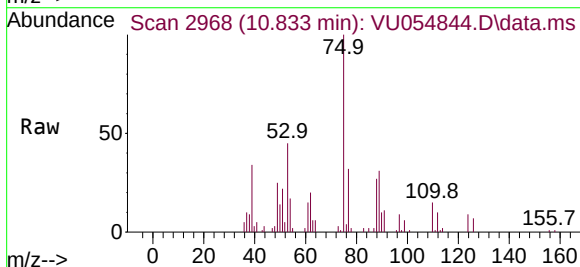
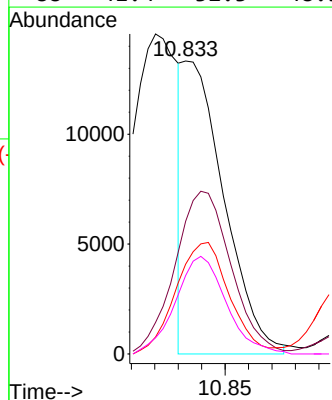
Manual Integrations
APPROVED

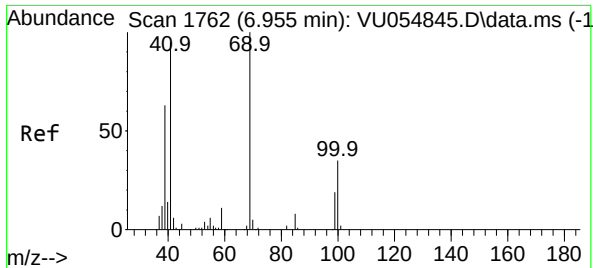
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 10.463 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion: 75 Resp: 16186
Ion Ratio Lower Upper
75 100
53 76.3 62.9 94.3
89 49.9 47.8 71.8
88 41.4 32.3 48.5





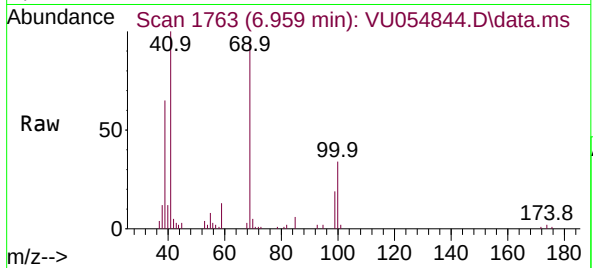
#47
Methyl methacrylate
Concen: 10.516 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. 0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

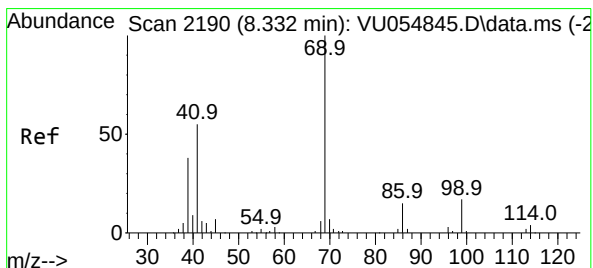
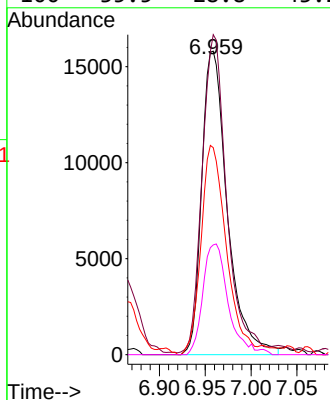
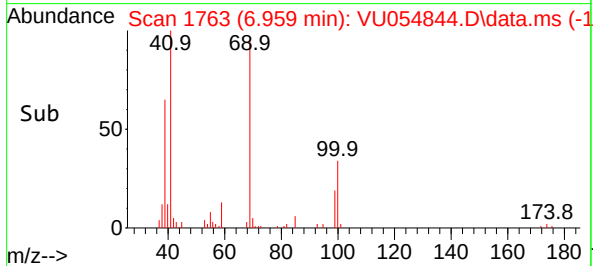


Tgt Ion: 69 Resp: 30714
Ion Ratio Lower Upper
69 100
41 99.8 0.0 193.0
39 68.2 50.4 75.6
100 35.5 28.8 43.2

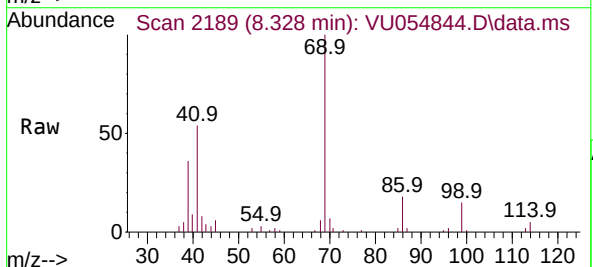
Manual Integrations

APPROVED

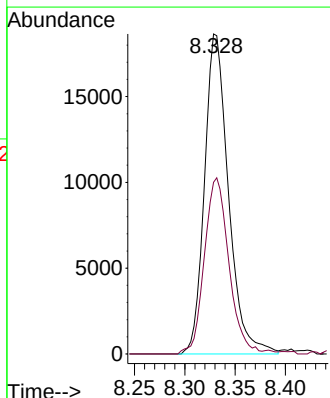
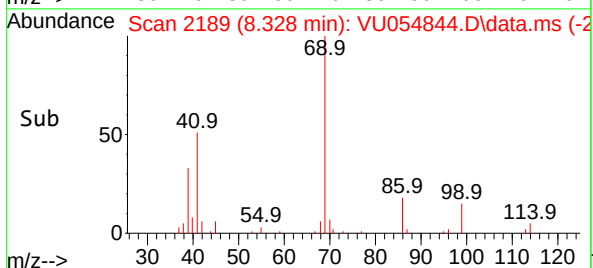
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

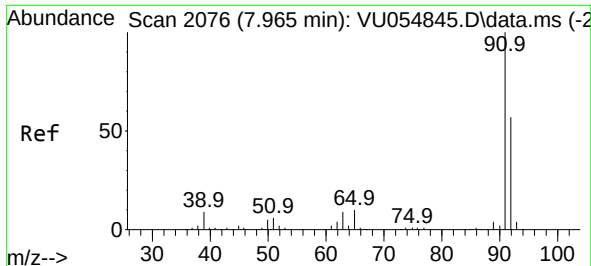


#48
Ethyl methacrylate
Concen: 5.211 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09



Tgt Ion: 69 Resp: 30922
Ion Ratio Lower Upper
69 100
41 56.1 28.8 86.5





#49

Toluene

Concen: 5.173 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 92 Resp: 7643

Ion Ratio Lower Upper

92 100

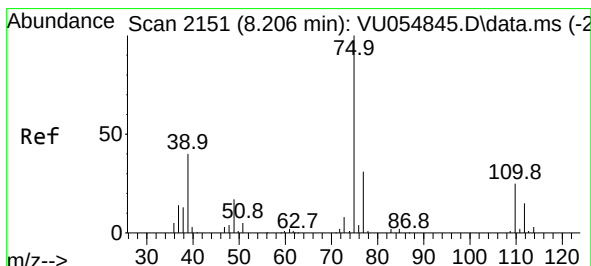
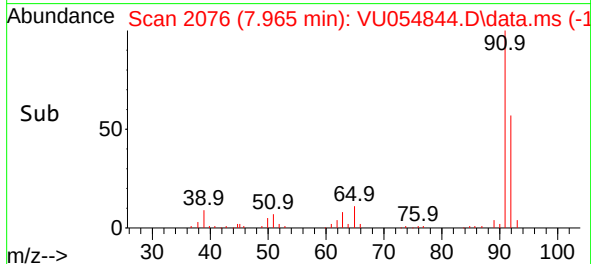
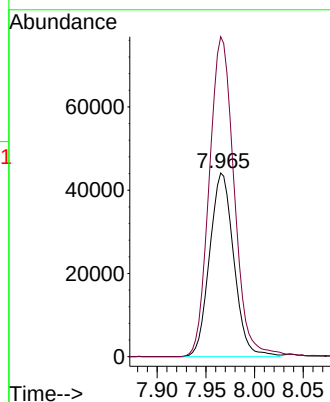
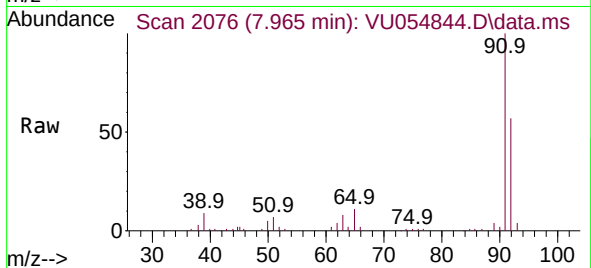
91 179.7 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 5.248 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054844.D

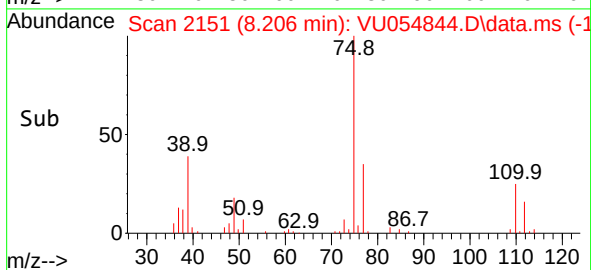
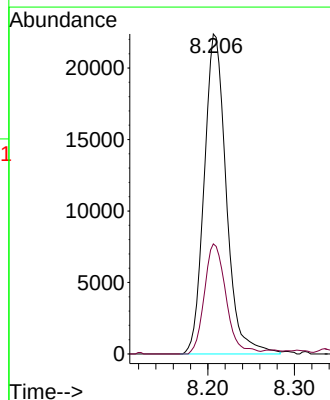
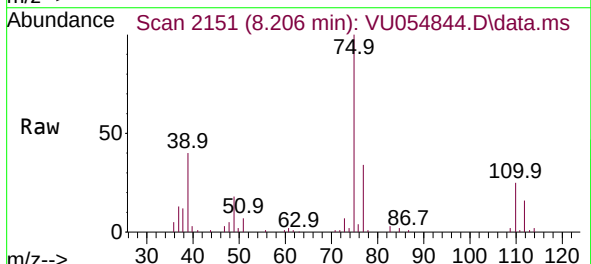
Acq: 21 Jul 2023 18:09

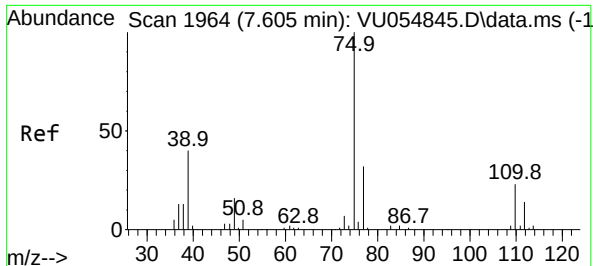
Tgt Ion: 75 Resp: 39627

Ion Ratio Lower Upper

75 100

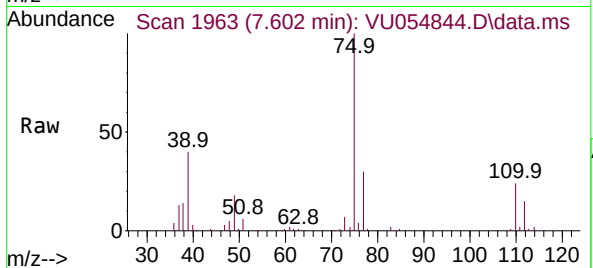
77 34.4 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 5.342 ug/l
 RT: 7.602 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VU054844.D
 Acq: 21 Jul 2023 18:09

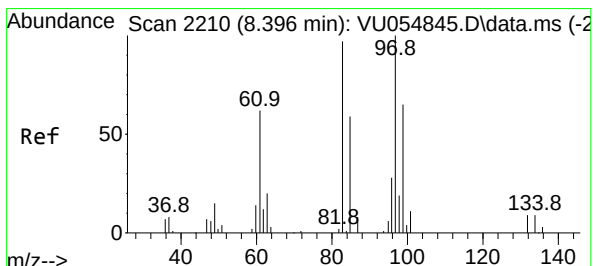
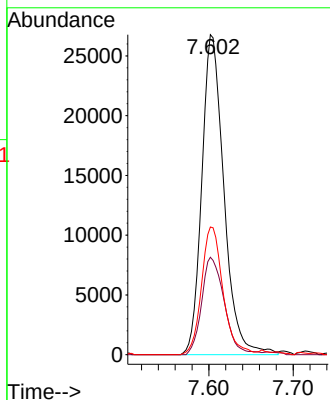
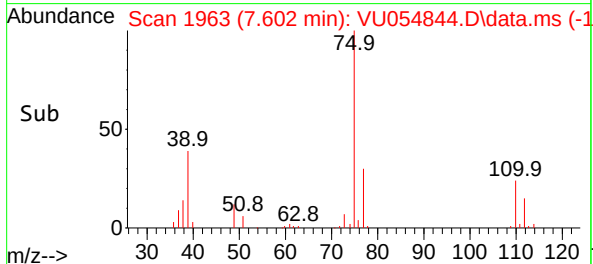
Instrument : MSVOA_U
 ClientSampleId : VSTDIC005



Tgt Ion: 75 Resp: 4904
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.8 38.8
 39 39.9 31.7 47.5

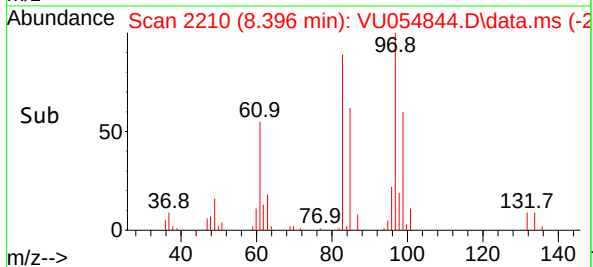
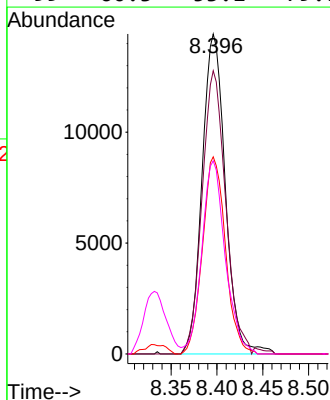
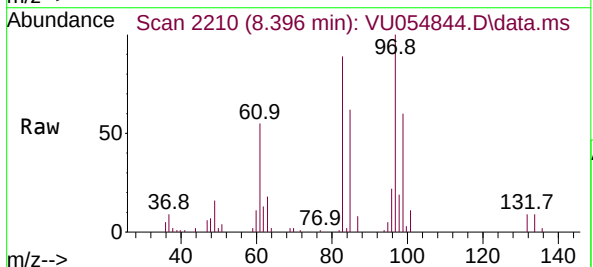
Manual Integrations
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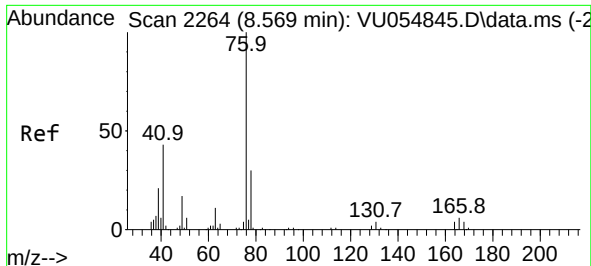
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 5.414 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU054844.D
 Acq: 21 Jul 2023 18:09

Tgt Ion: 97 Resp: 25395
 Ion Ratio Lower Upper
 97 100
 83 88.5 77.4 116.2
 85 61.6 47.8 71.8
 99 60.3 53.1 79.7





#53

1,3-Dichloropropane

Concen: 5.120 ug/l

RT: 8.573 min Scan# 2265

Delta R.T. 0.003 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 40480

Ion Ratio Lower Upper

76 100

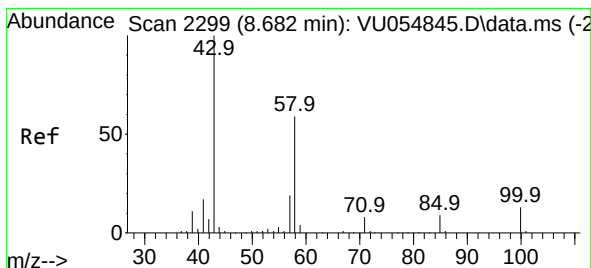
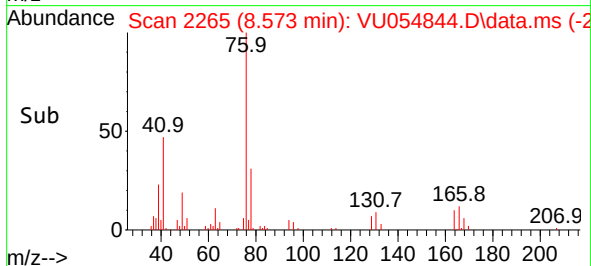
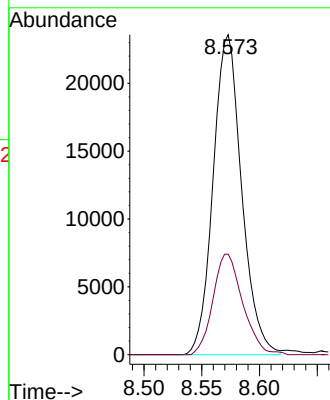
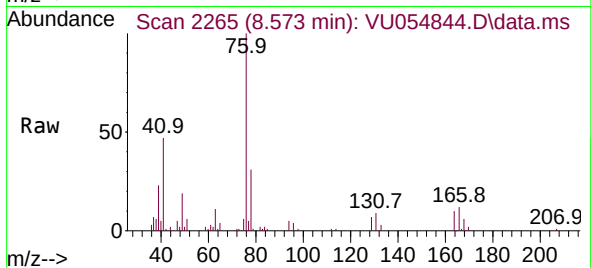
78 32.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#54

2-Hexanone

Concen: 26.488 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

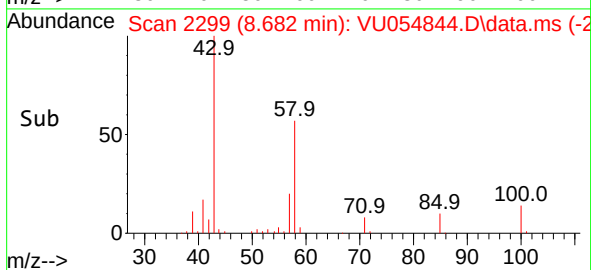
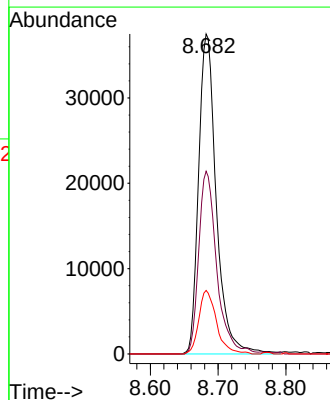
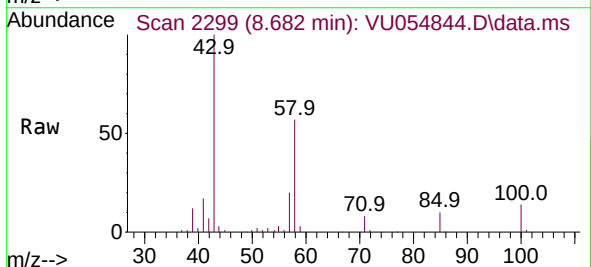
Tgt Ion: 43 Resp: 67952

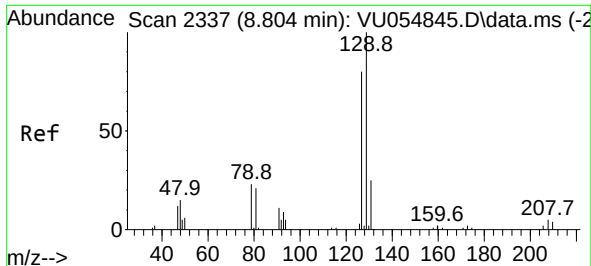
Ion Ratio Lower Upper

43 100

58 58.1 38.9 78.9

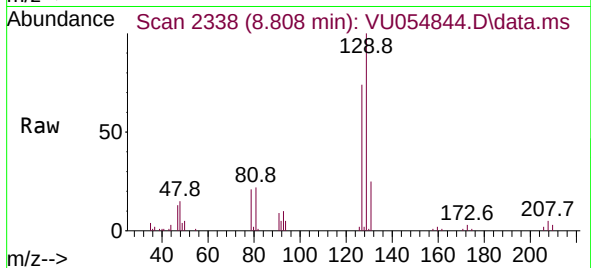
57 19.9 0.0 38.7





#55
Dibromochloromethane
Concen: 5.247 ug/l
RT: 8.808 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

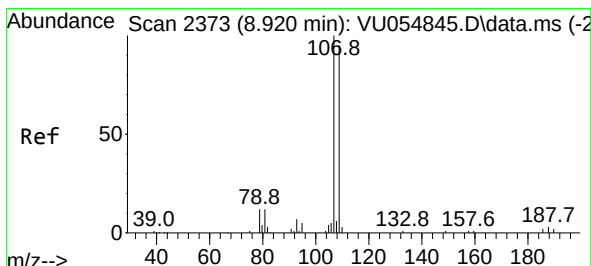
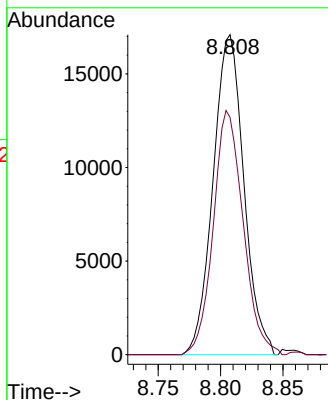
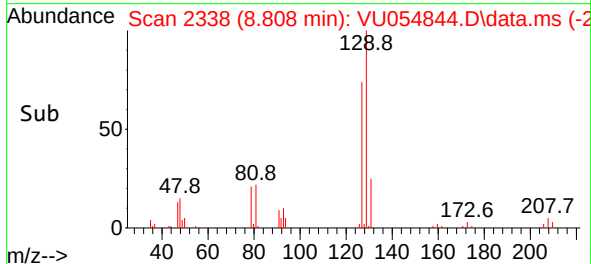
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:129 Resp: 2941
Ion Ratio Lower Upper
129 100
127 74.0 61.4 92.0

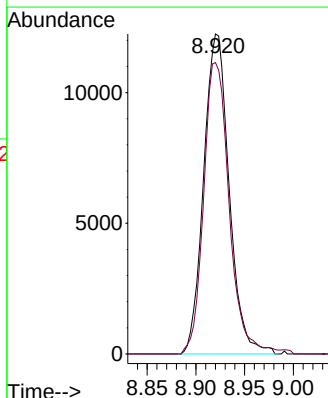
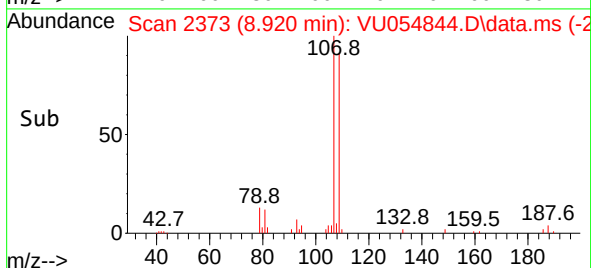
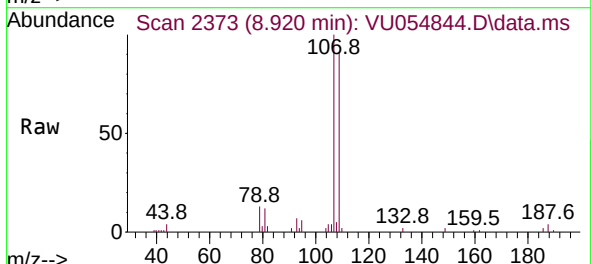
Manual Integrations
APPROVED

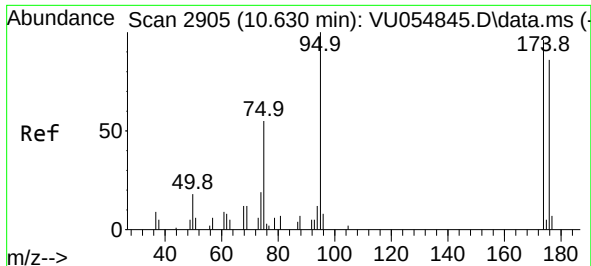
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 5.422 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

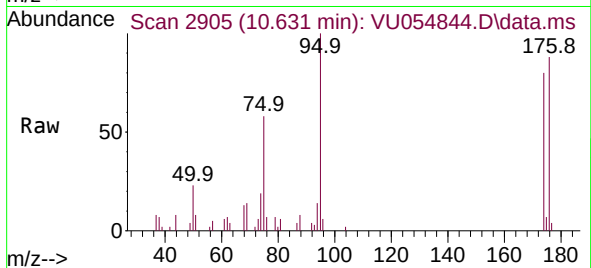
Tgt Ion:107 Resp: 22247
Ion Ratio Lower Upper
107 100
109 91.7 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.100 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

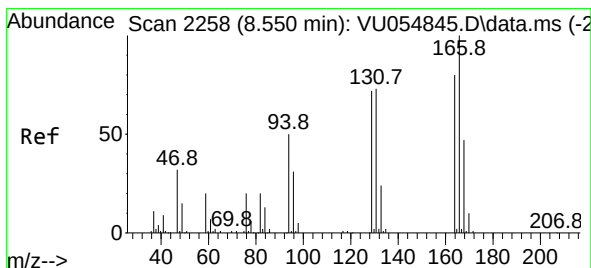
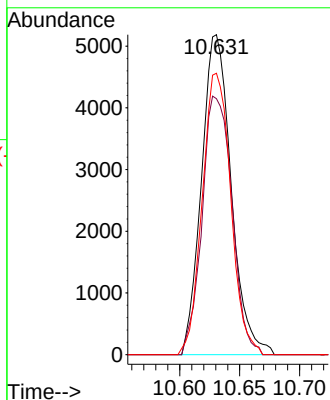
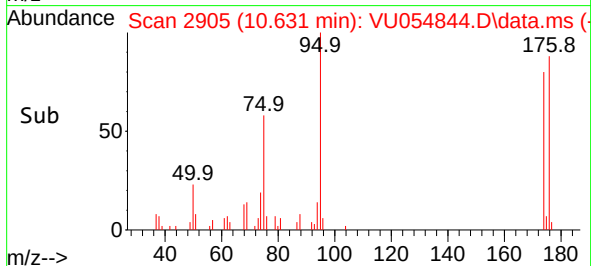
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 95 Resp: 8910
Ion Ratio Lower Upper
95 100
174 81.4 79.3 118.9
176 84.7 71.5 107.3

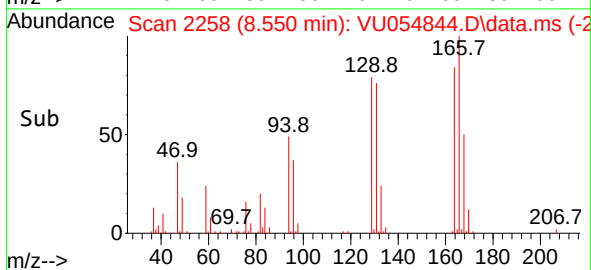
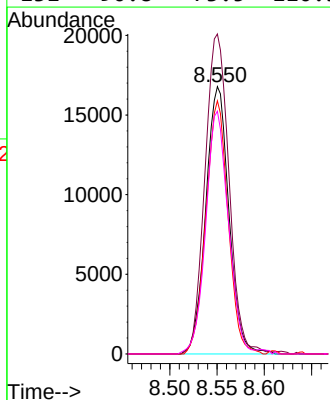
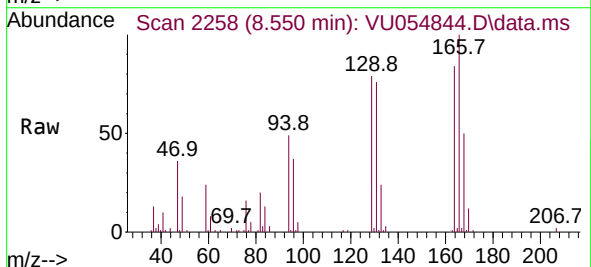
Manual Integrations
APPROVED

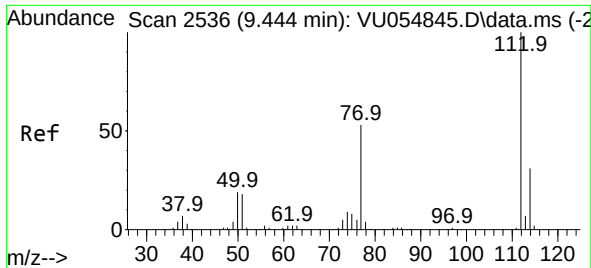
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
Tetrachloroethene
Concen: 5.258 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion:164 Resp: 28671
Ion Ratio Lower Upper
164 100
166 119.7 100.4 150.6
129 94.7 71.9 107.9
131 90.8 73.5 110.3





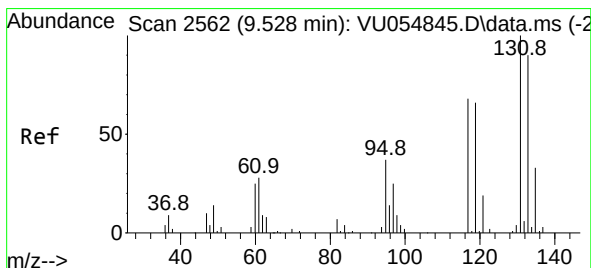
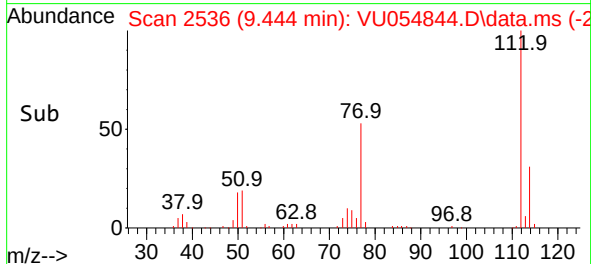
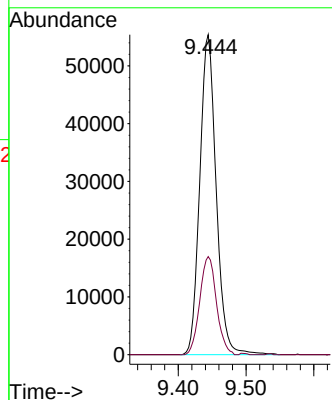
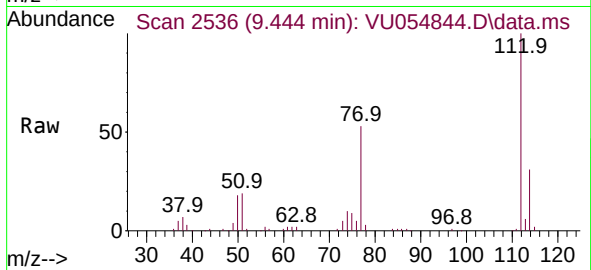
#59
Chlorobenzene
Concen: 5.281 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument : MSVOA_U
ClientSampleId : VSTDIC005

Tgt Ion:112 Resp: 93008
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.6

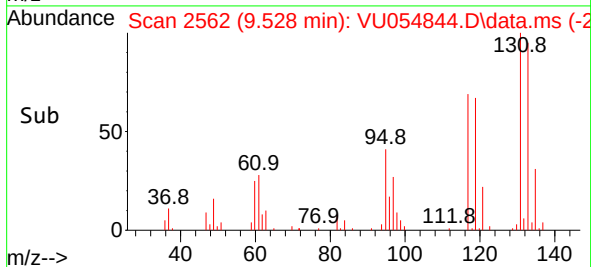
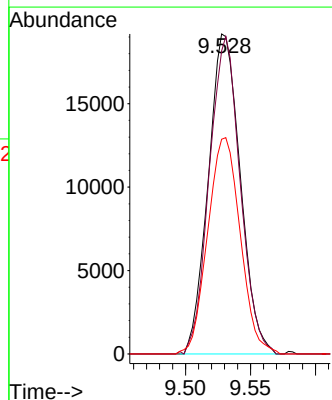
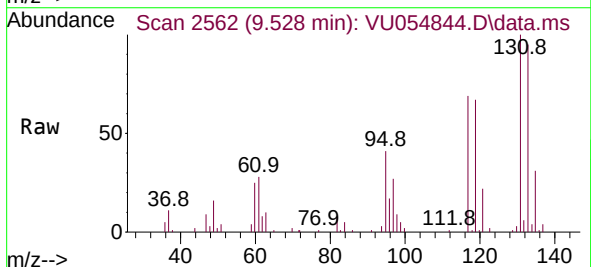
Manual Integrations
APPROVED

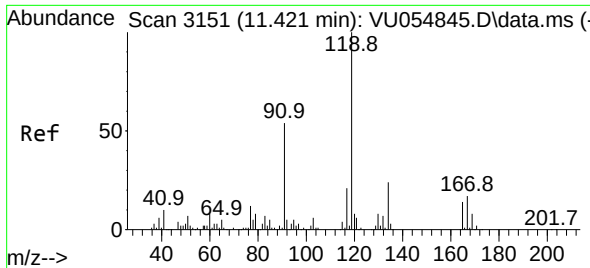
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 5.281 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion:131 Resp: 32828
Ion Ratio Lower Upper
131 100
133 95.6 74.2 111.4
119 68.8 51.0 76.4





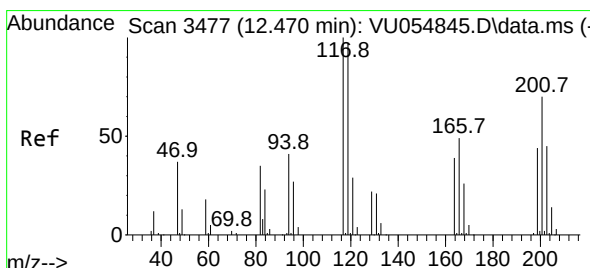
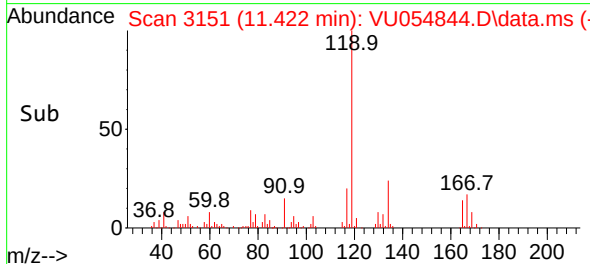
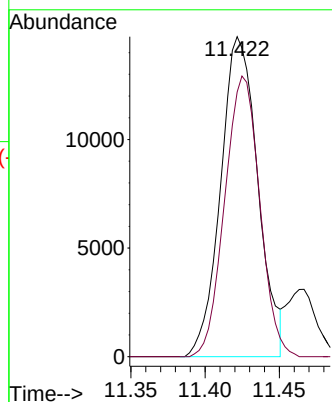
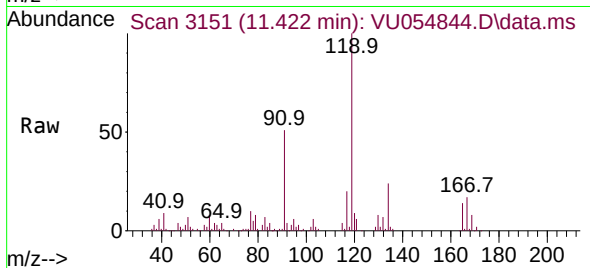
#61
Pentachloroethane
Concen: 5.248 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 2568
Ion Ratio Lower Upper
117 100
167 82.3 65.3 97.9

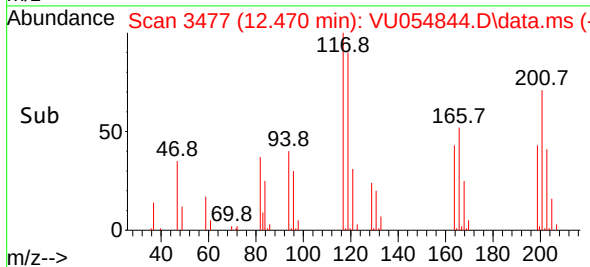
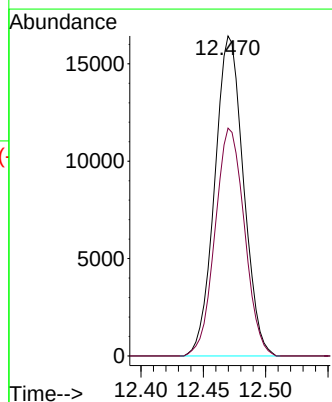
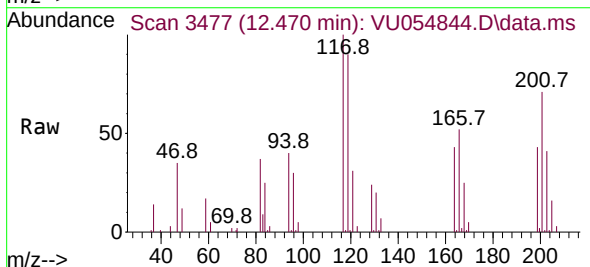
Manual Integrations
APPROVED

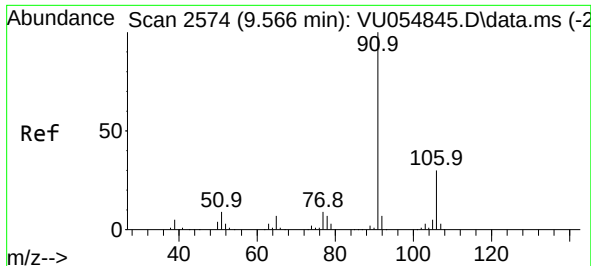
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 5.253 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion:117 Resp: 26408
Ion Ratio Lower Upper
117 100
201 72.7 56.1 84.1





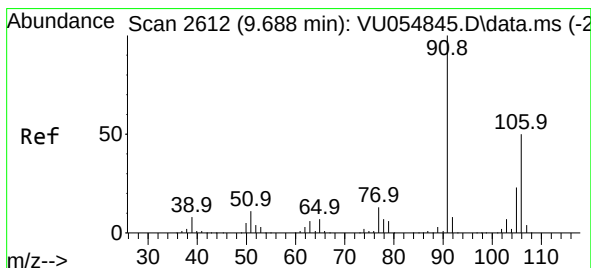
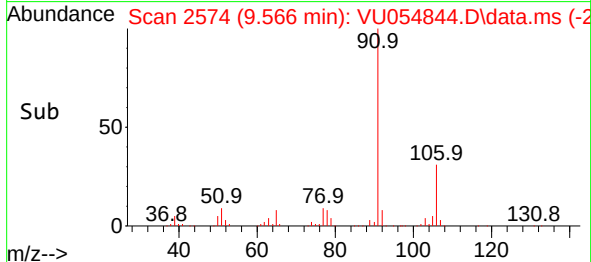
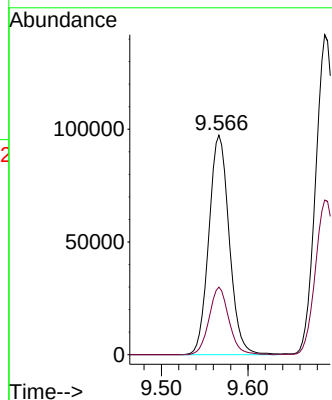
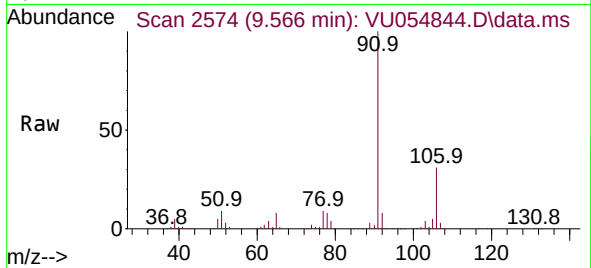
#63
Ethyl Benzene
Concen: 5.312 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 159462
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2

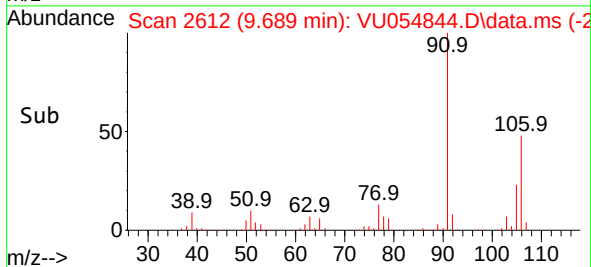
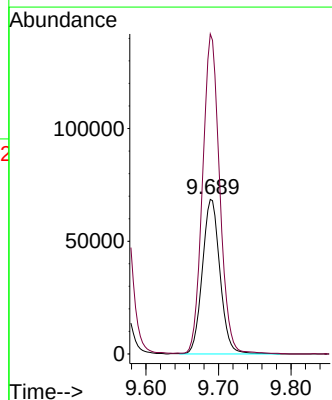
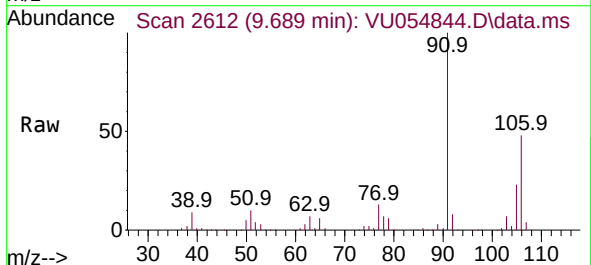
Manual Integrations
APPROVED

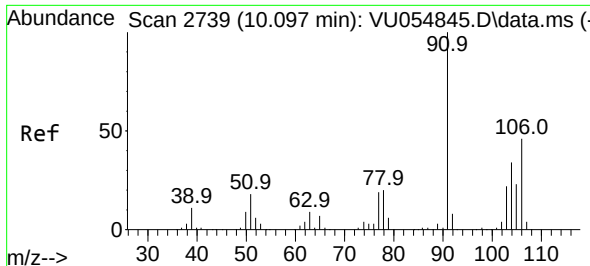
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
m/p-Xylenes
Concen: 10.199 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion:106 Resp: 115756
Ion Ratio Lower Upper
106 100
91 201.8 158.8 238.2





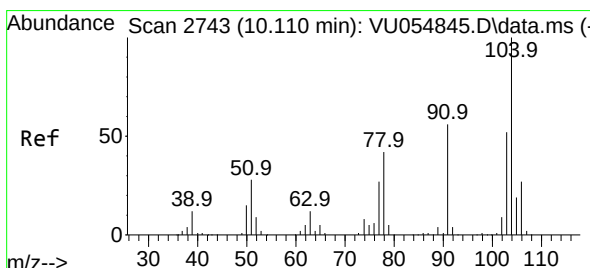
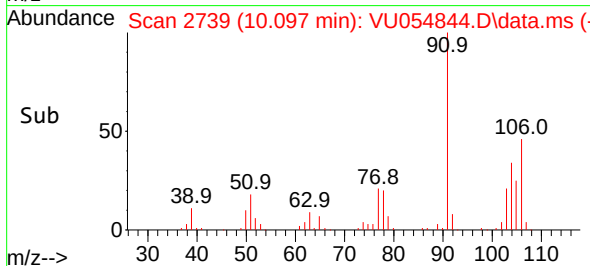
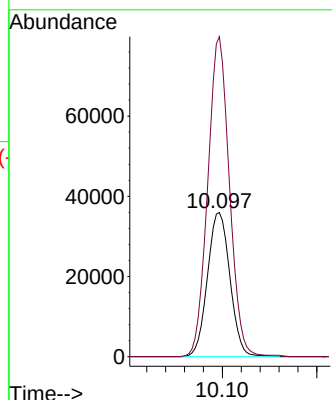
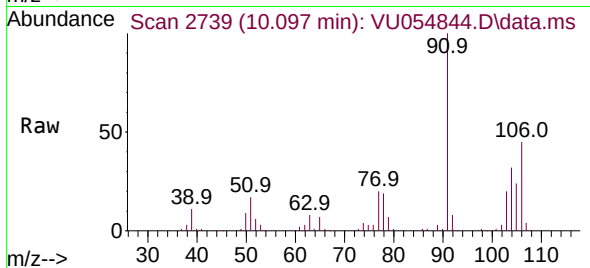
#65
o-Xylene
Concen: 5.199 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 5943
Ion Ratio Lower Upper
106 100
91 214.4 108.9 326.8

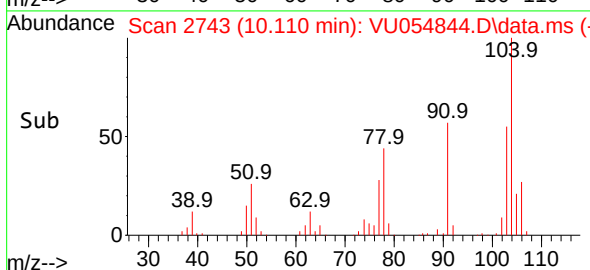
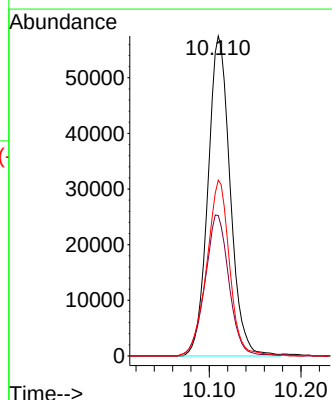
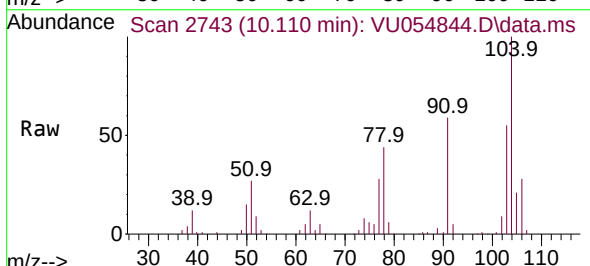
Manual Integrations
APPROVED

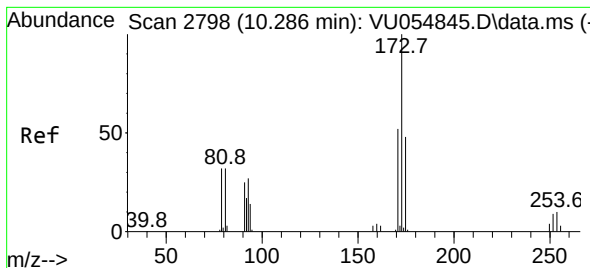
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 5.276 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion:104 Resp: 96911
Ion Ratio Lower Upper
104 100
78 47.4 37.5 56.3
103 56.5 45.2 67.8





#67

Bromoform

Concen: 5.240 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

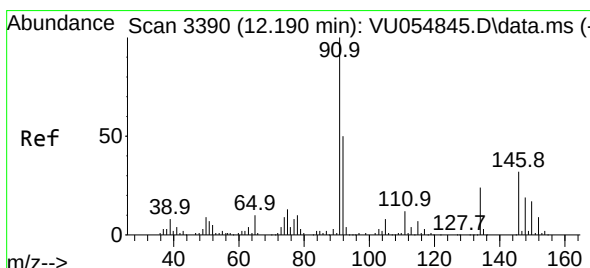
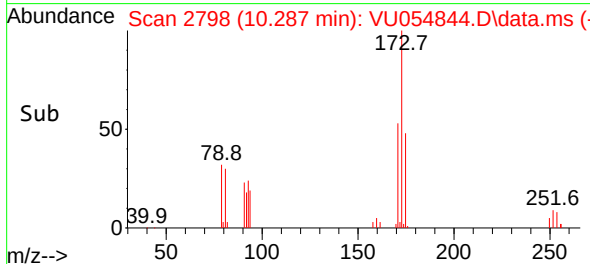
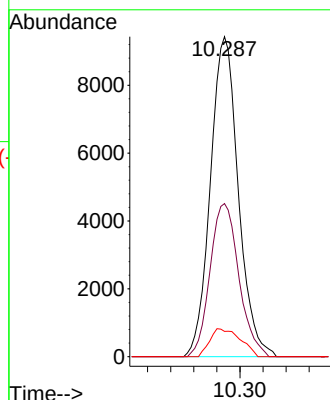
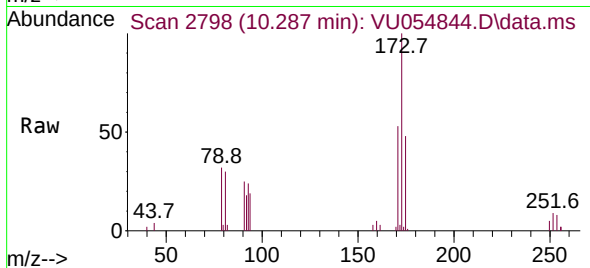
VSTDICC005

Tgt Ion:173	Resp:	1582
Ion Ratio	Lower	Upper
173	100	
175	49.4	39.0 58.6
254	9.5	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#68

1,2-Dichlorobenzene-d4

Concen: 1.048 ug/l

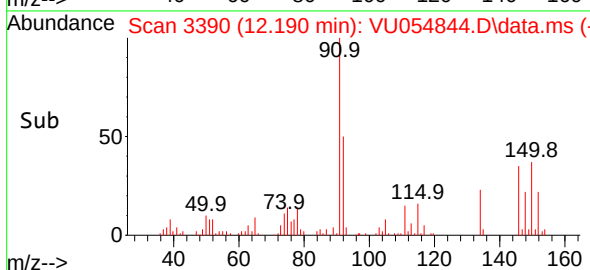
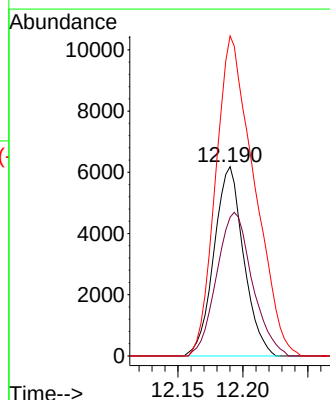
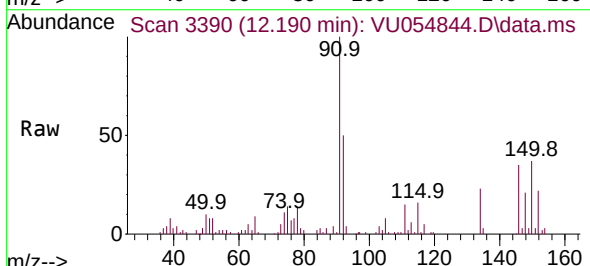
RT: 12.190 min Scan# 3390

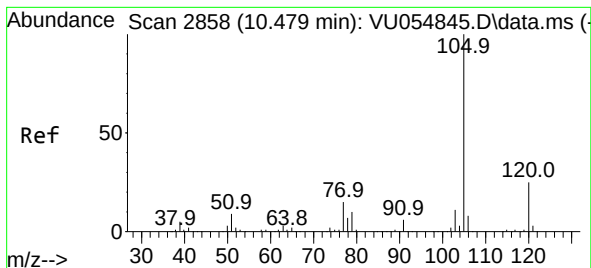
Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Tgt Ion:152	Resp:	9823
Ion Ratio	Lower	Upper
152	100	
115	91.0	0.0 234.8
150	218.7	0.0 598.2





#69

Isopropylbenzene

Concen: 5.215 ug/l

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 161772

Ion Ratio Lower Upper

105 100

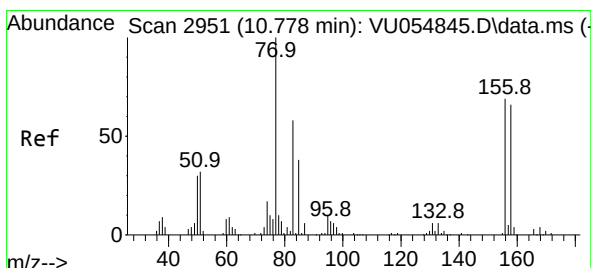
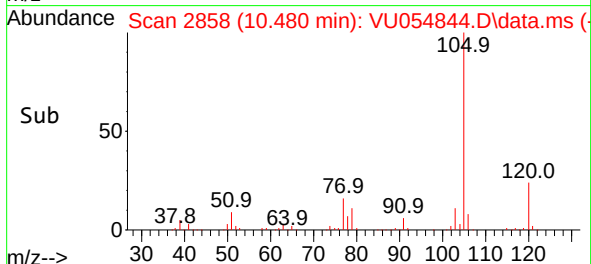
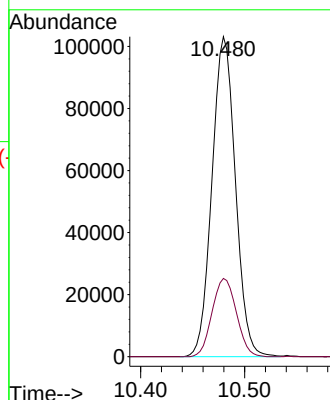
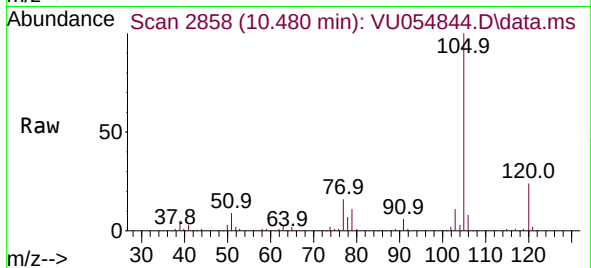
120 25.3 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 5.146 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

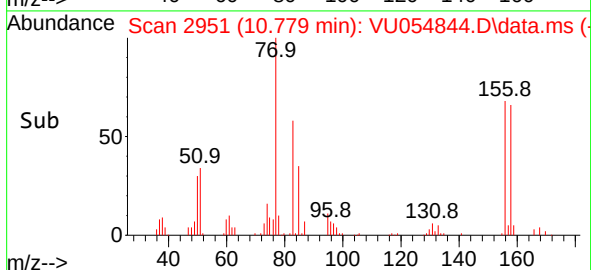
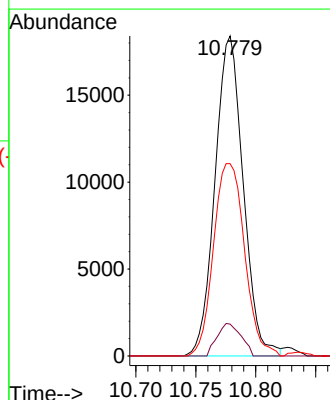
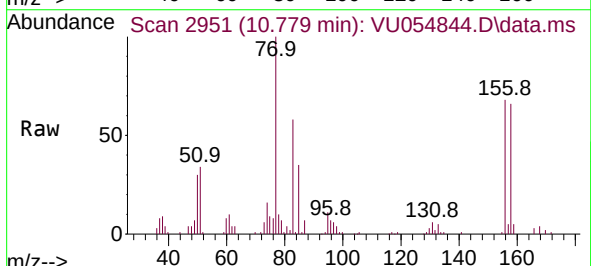
Tgt Ion: 83 Resp: 30103

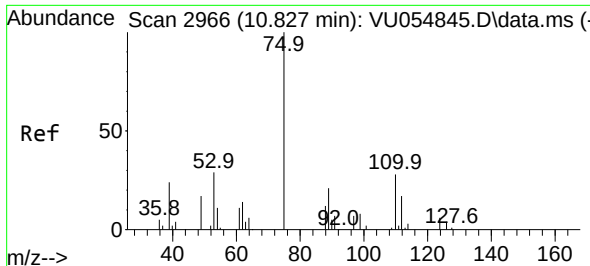
Ion Ratio Lower Upper

83 100

131 8.6 7.5 11.3

85 66.1 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 5.517 ug/l m
RT: 10.820 min Scan# 2966
Delta R.T. -0.006 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

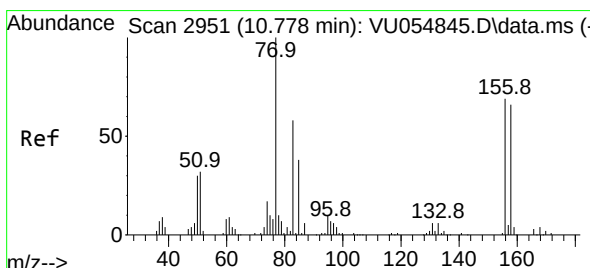
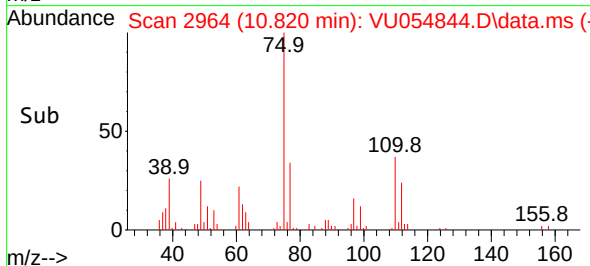
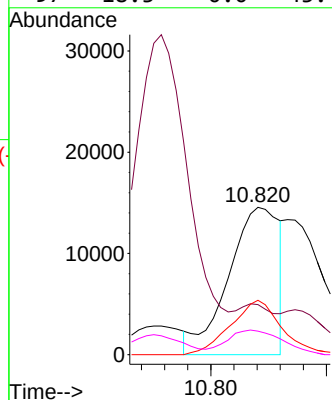
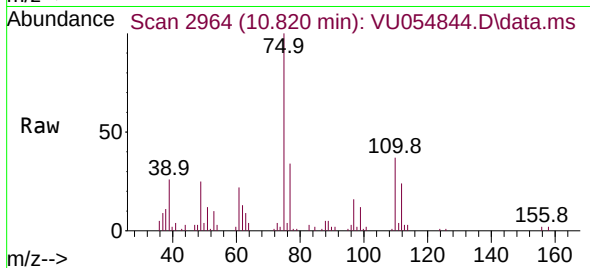
VSTDIC005

Tgt Ion: 75 Resp: 22174
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 37.4 0.0 80.8
97 18.3 0.0 43.4

Manual Integrations

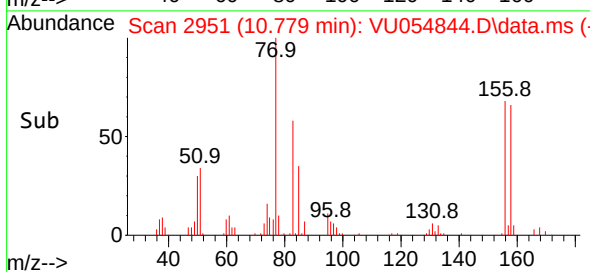
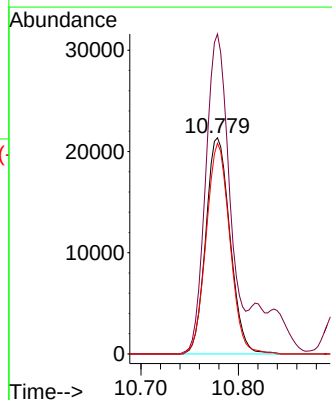
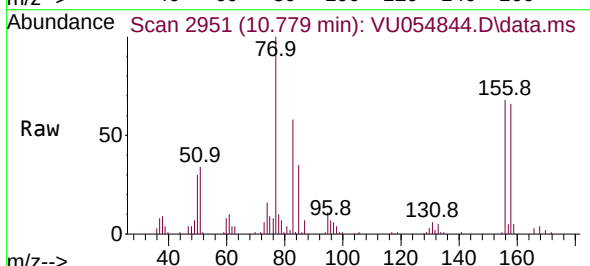
APPROVED

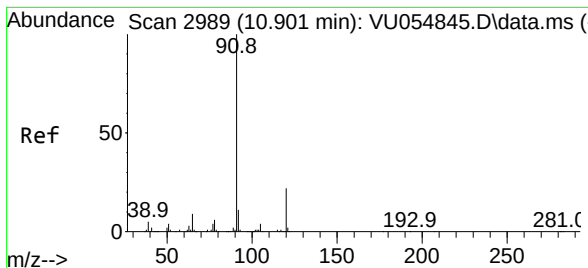
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#72
Bromobenzene
Concen: 5.160 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion:156 Resp: 36921
Ion Ratio Lower Upper
156 100
77 144.5 0.0 293.2
158 95.3 0.0 189.8





#73

n-propylbenzene

Concen: 5.268 ug/l

RT: 10.901 min Scan# 2989

Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion:120 Resp: 43904

Ion Ratio Lower Upper

120 100

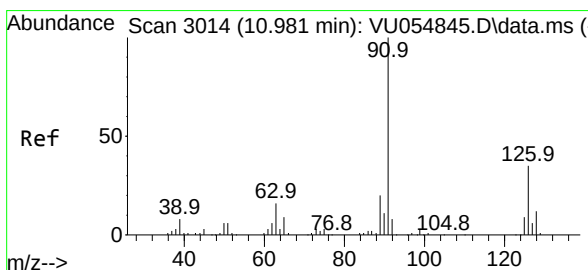
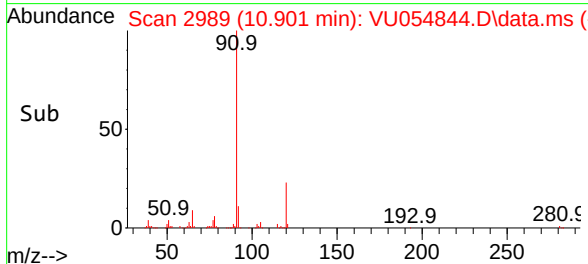
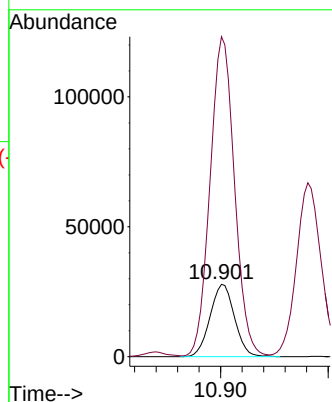
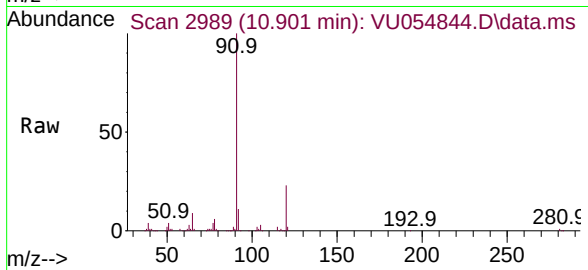
91 439.5 361.8 542.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#74

2-Chlorotoluene

Concen: 5.116 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.000 min

Lab File: VU054844.D

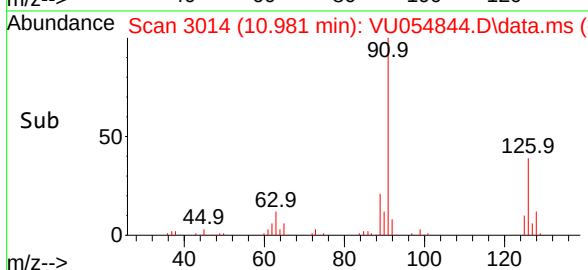
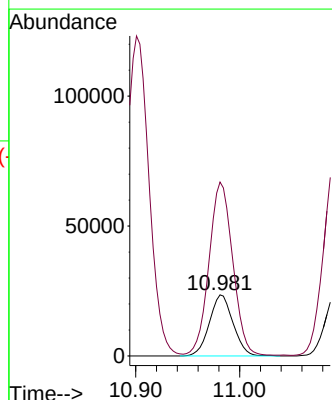
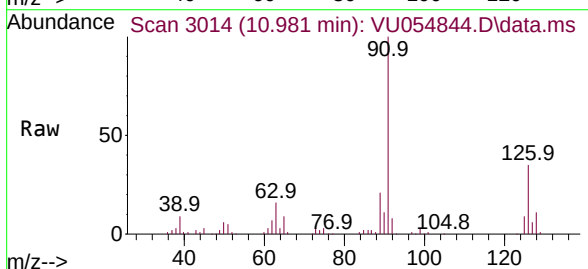
Acq: 21 Jul 2023 18:09

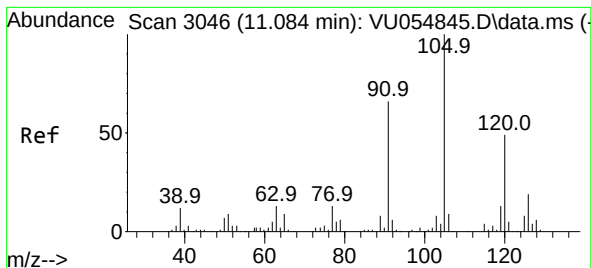
Tgt Ion:126 Resp: 37125

Ion Ratio Lower Upper

126 100

91 283.4 0.0 561.4





#75

1,3,5-Trimethylbenzene

Concen: 5.217 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 131834

Ion Ratio Lower Upper

105 100

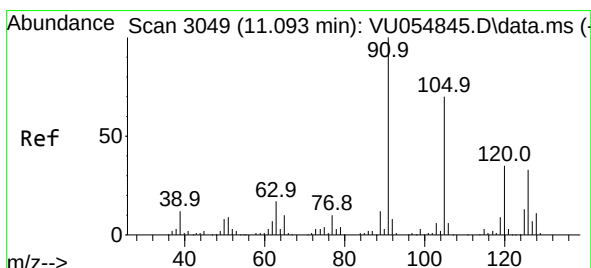
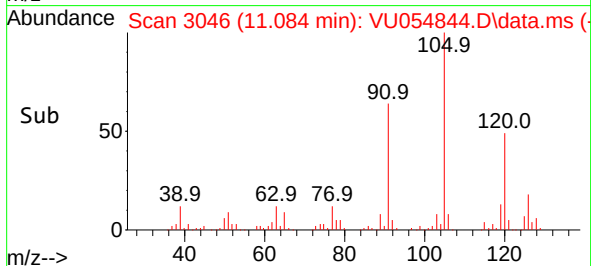
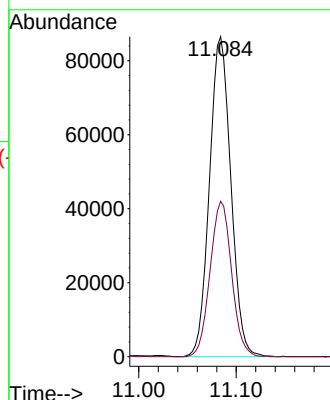
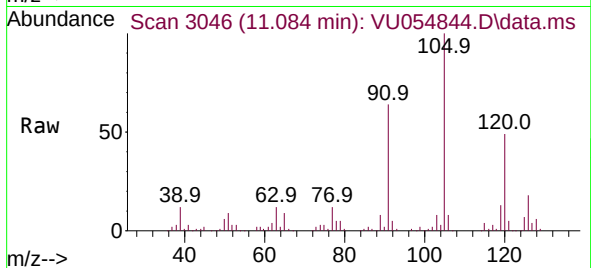
120 48.9 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#76

4-Chlorotoluene

Concen: 5.291 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VU054844.D

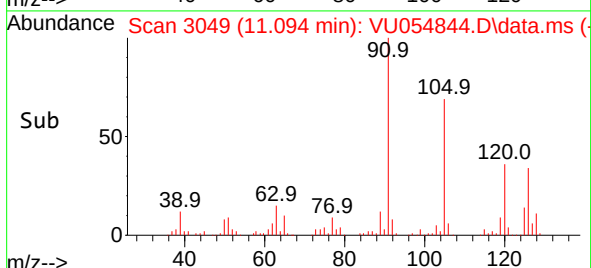
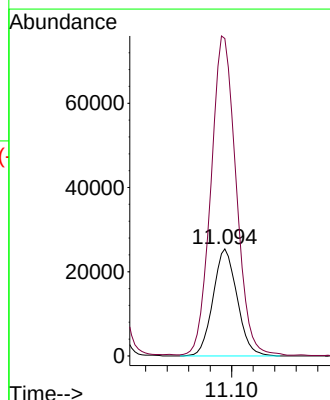
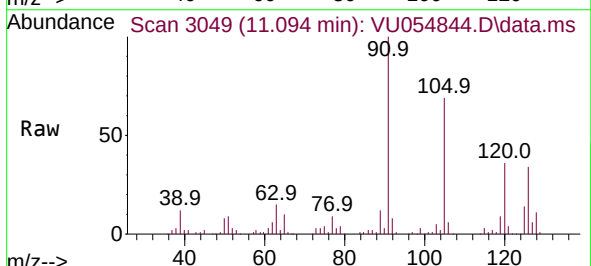
Acq: 21 Jul 2023 18:09

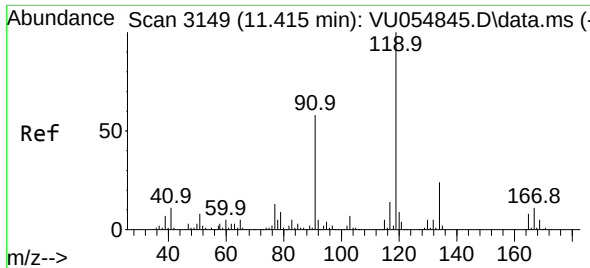
Tgt Ion:126 Resp: 39471

Ion Ratio Lower Upper

126 100

91 311.4 0.0 623.4





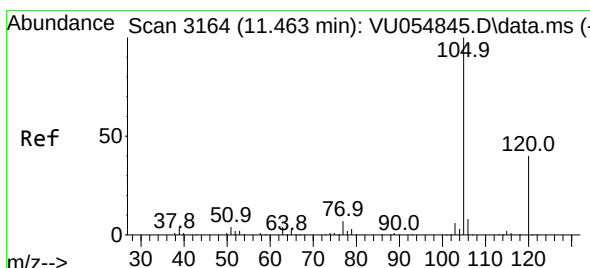
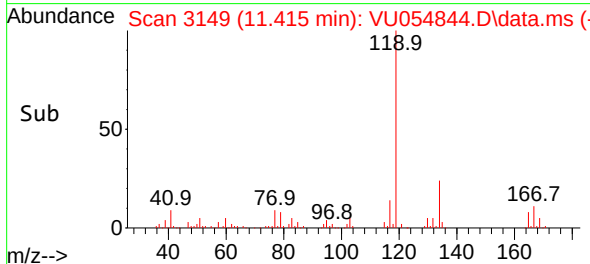
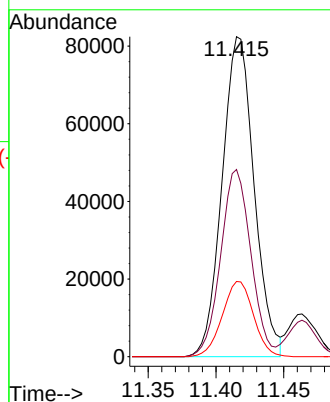
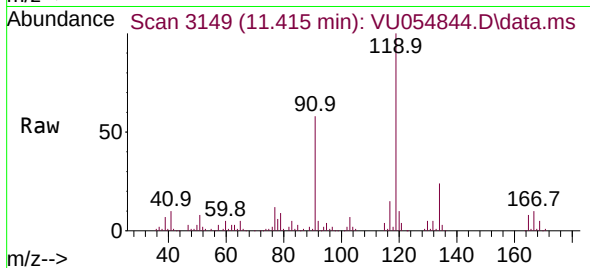
#77
tert-Butylbenzene
Concen: 5.214 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 135675
Ion Ratio Lower Upper
119 100
91 55.3 27.7 83.1
134 22.9 18.6 27.8

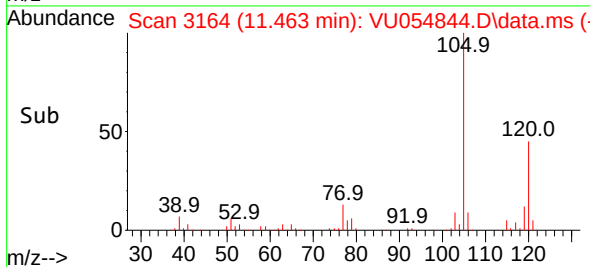
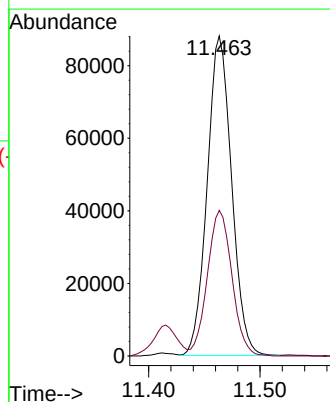
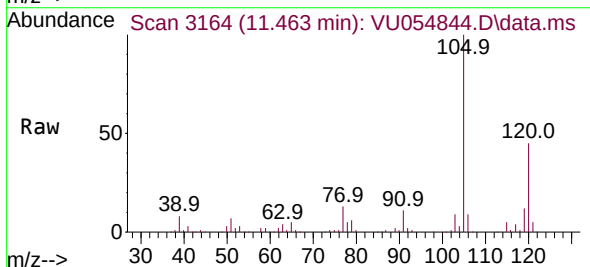
Manual Integrations
APPROVED

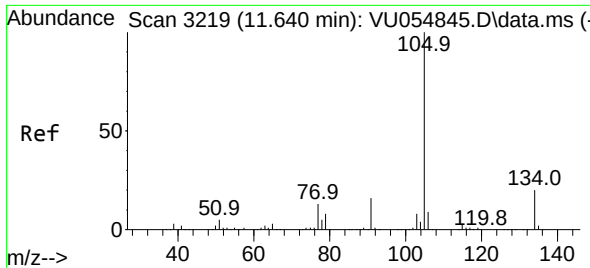
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 5.268 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

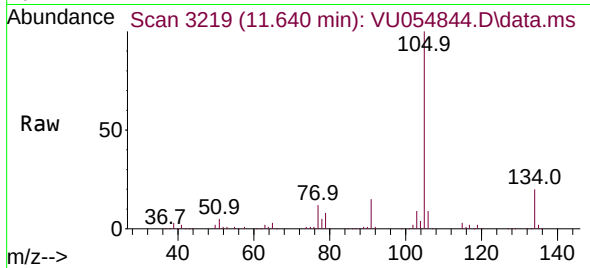
Tgt Ion:105 Resp: 133875
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 5.285 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054844.D
 Acq: 21 Jul 2023 18:09

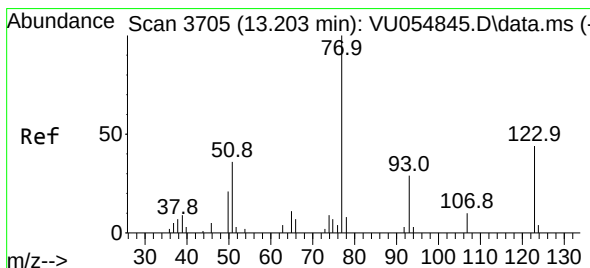
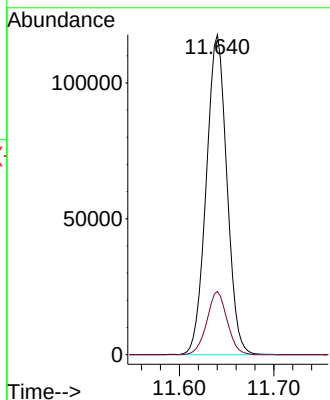
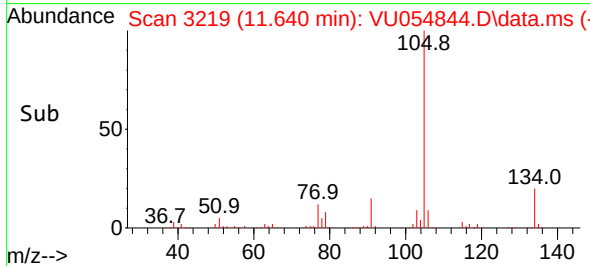
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



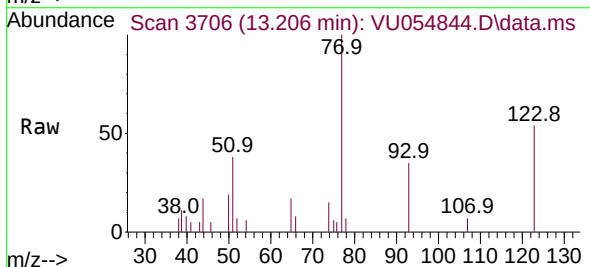
Tgt Ion:105 Resp: 17845
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.7 23.5

Manual Integrations
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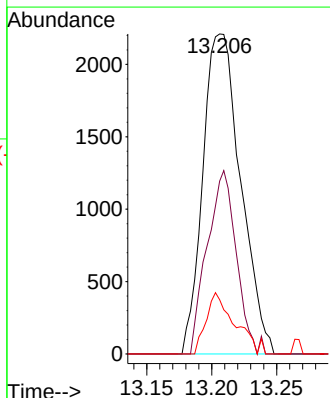
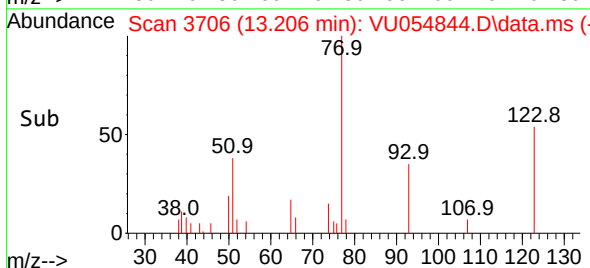
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

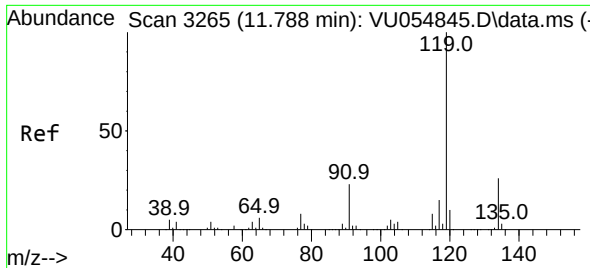


#80
 Nitrobenzene
 Concen: 22.819 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.003 min
 Lab File: VU054844.D
 Acq: 21 Jul 2023 18:09



Tgt Ion: 77 Resp: 4483
 Ion Ratio Lower Upper
 77 100
 123 43.6 20.2 71.8
 65 14.5 11.7 14.9





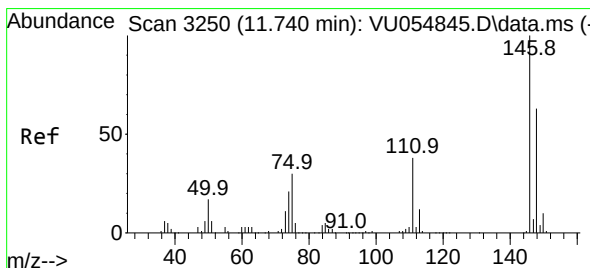
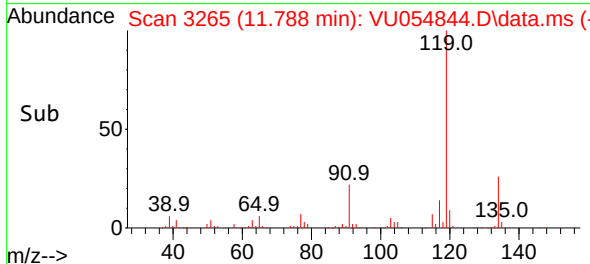
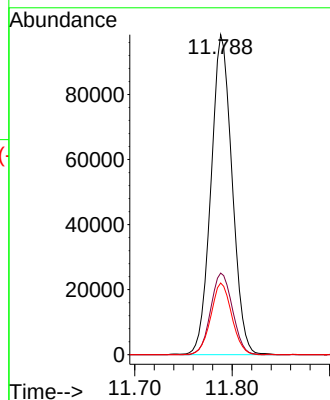
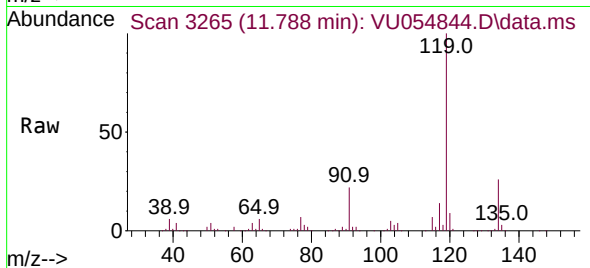
#81
p-Isopropyltoluene
Concen: 5.379 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 147949
Ion Ratio Lower Upper
119 100
134 26.3 20.6 31.0
91 22.3 18.2 27.4

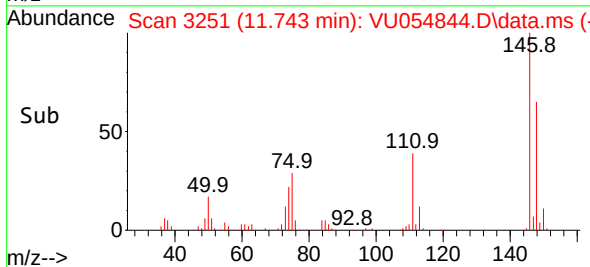
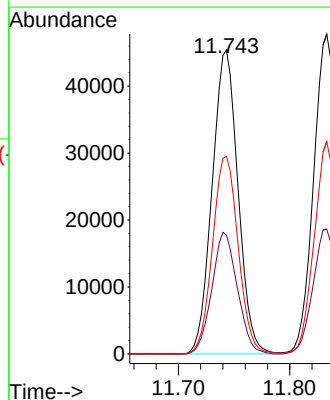
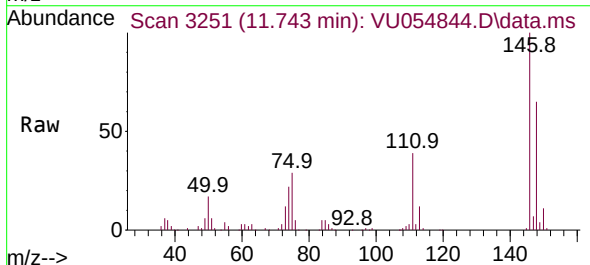
Manual Integrations
APPROVED

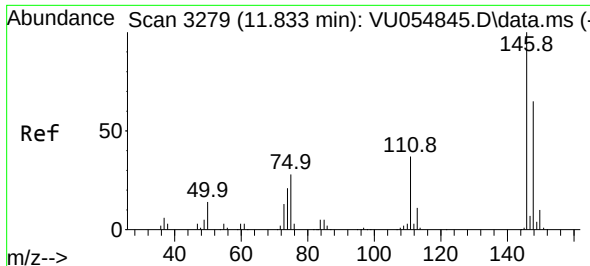
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 5.111 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

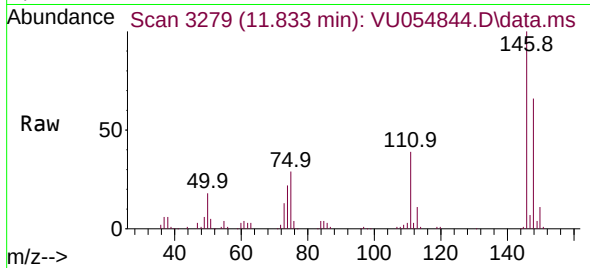
Tgt Ion:146 Resp: 73211
Ion Ratio Lower Upper
146 100
111 39.4 30.5 45.7
148 64.7 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 5.182 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

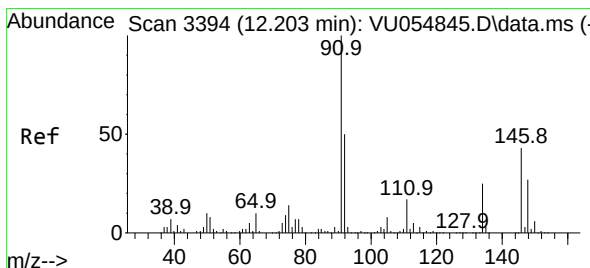
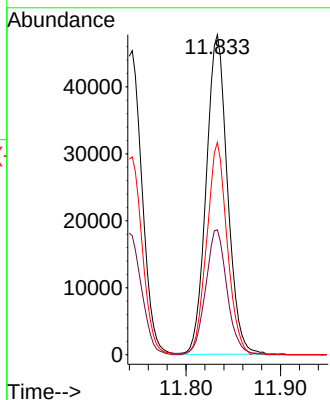
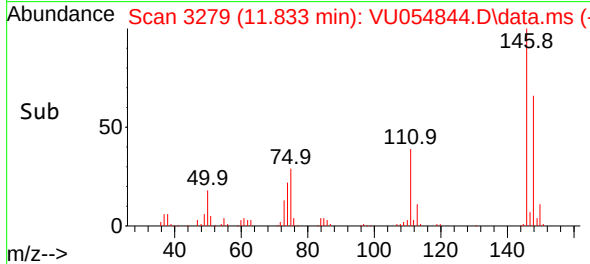
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



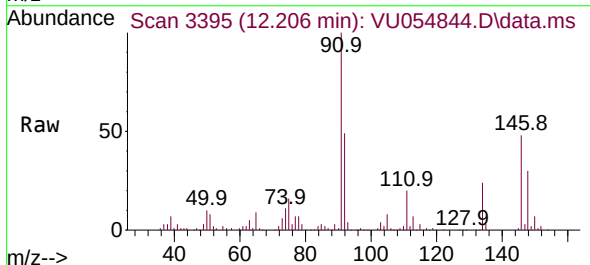
Tgt Ion:146 Resp: 7445
Ion Ratio Lower Upper
146 100
111 39.4 29.5 44.3
148 63.9 51.2 76.8

Manual Integrations
APPROVED

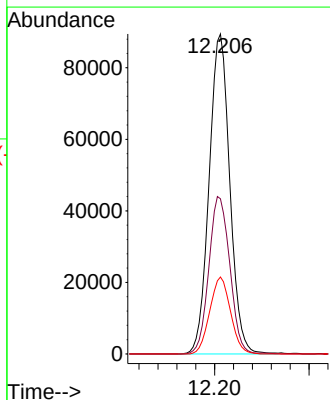
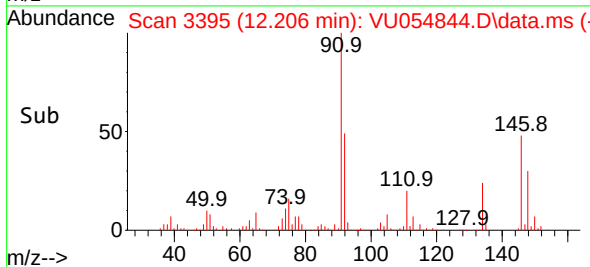
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

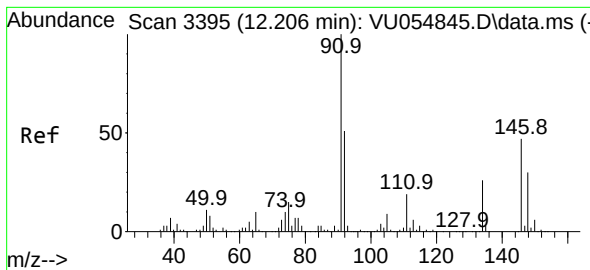


#84
n-Butylbenzene
Concen: 5.369 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09



Tgt Ion: 91 Resp: 135861
Ion Ratio Lower Upper
91 100
92 49.9 39.8 59.8
134 24.1 20.2 30.4





#85

1,2-Dichlorobenzene

Concen: 5.164 ug/l

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

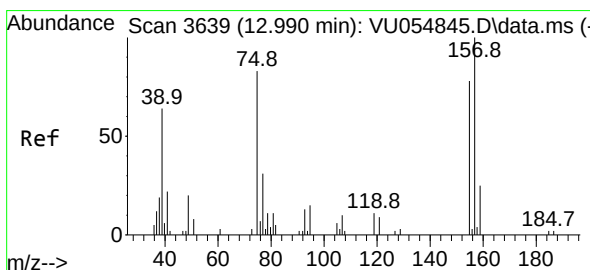
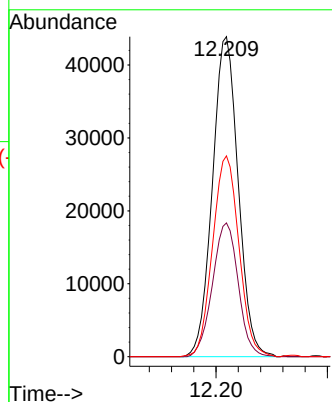
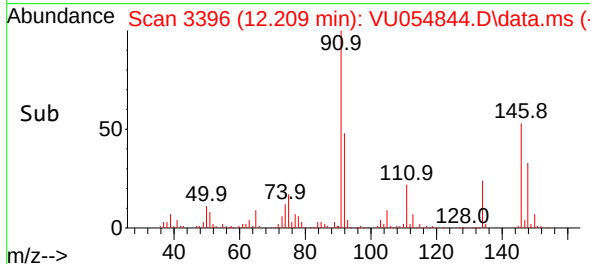
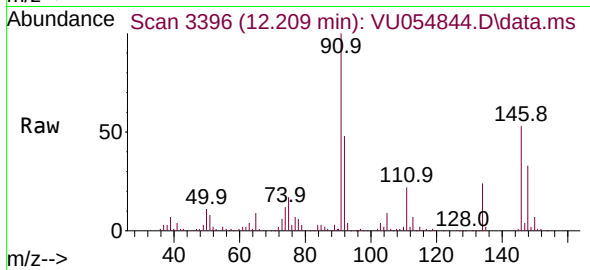
VSTDICC005

Tgt Ion:	146	Resp:	7045
Ion Ratio	Lower	Upper	
146	100		
111	41.7	19.8	59.4
148	64.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 5.290 ug/l

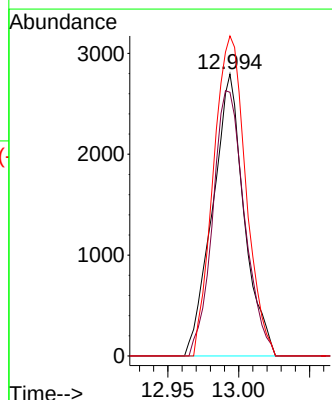
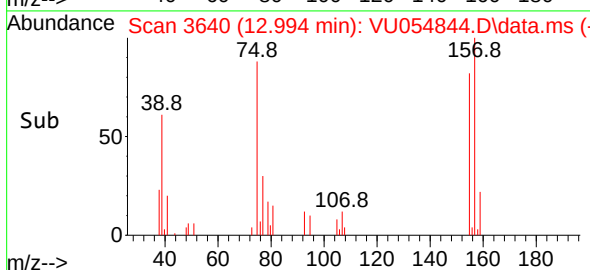
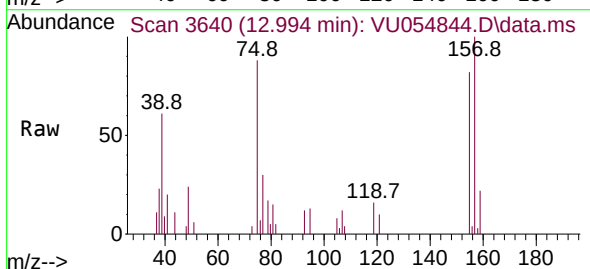
RT: 12.994 min Scan# 3640

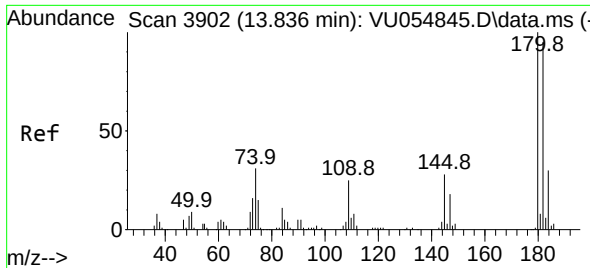
Delta R.T. 0.004 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Tgt Ion:	75	Resp:	4335
Ion Ratio	Lower	Upper	
75	100		
155	94.7	74.8	112.2
157	116.6	97.4	146.0





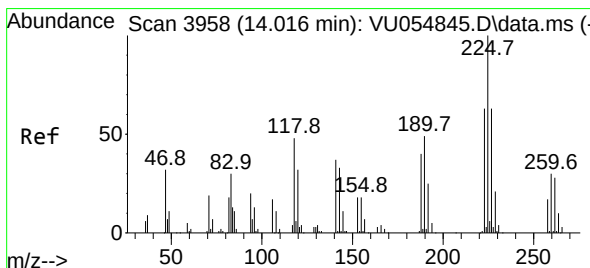
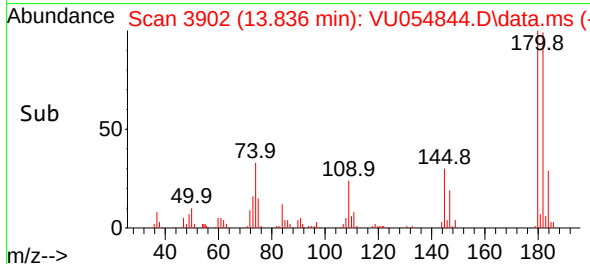
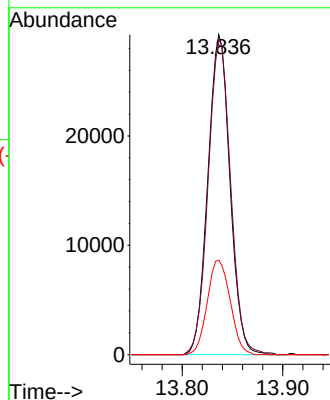
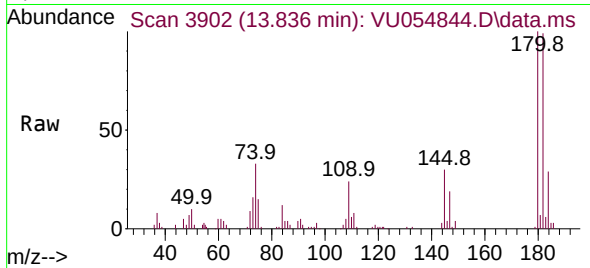
#87
1,2,4-Trichlorobenzene
Concen: 5.114 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 44735
Ion Ratio Lower Upper
180 100
182 100.1 77.0 115.6
145 30.6 23.4 35.0

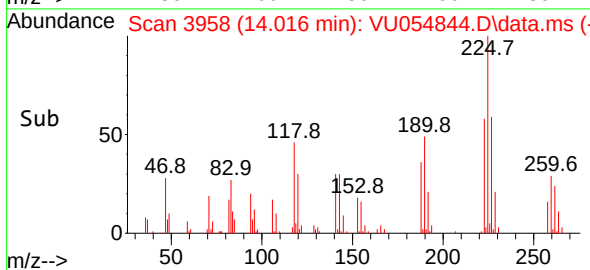
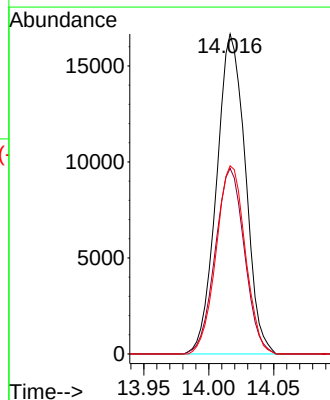
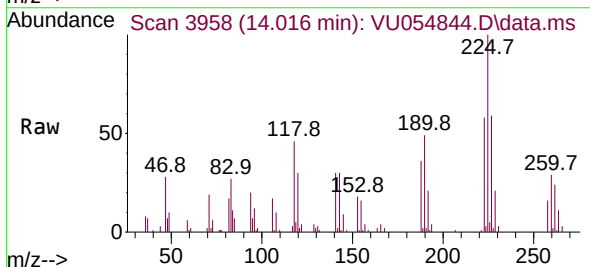
Manual Integrations
APPROVED

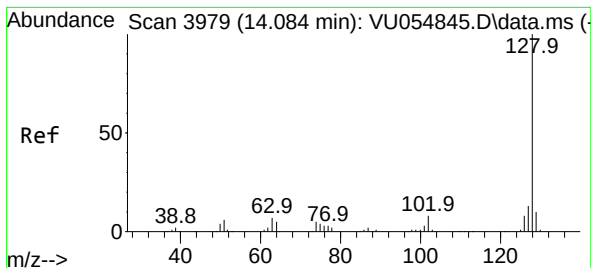
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#88
Hexachlorobutadiene
Concen: 5.492 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054844.D
Acq: 21 Jul 2023 18:09

Tgt Ion:225 Resp: 25664
Ion Ratio Lower Upper
225 100
223 58.9 50.6 76.0
227 59.2 50.7 76.1





#89

Naphthalene

Concen: 5.020 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Instrument :

MSVOA_U

ClientSampleId :

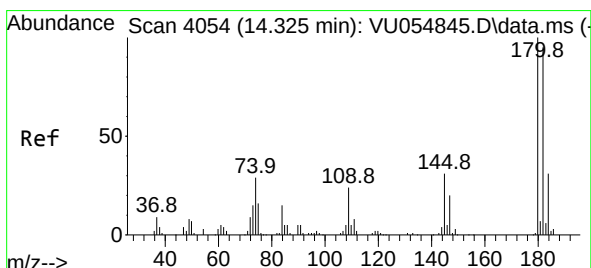
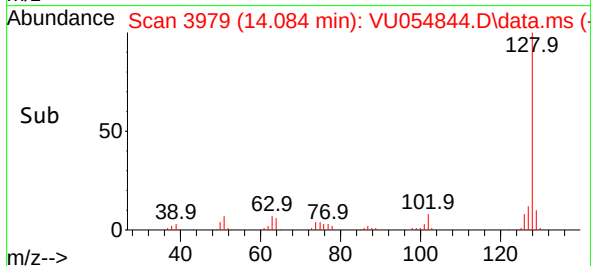
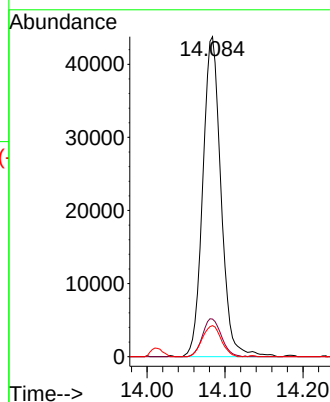
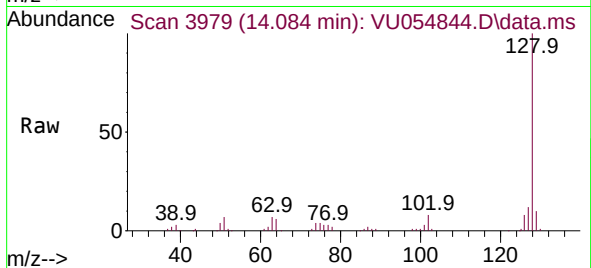
VSTDICC005

Tgt Ion:128	Resp:	71020
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.6 15.8
129	10.1	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#90

1,2,3-Trichlorobenzene

Concen: 5.196 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU054844.D

Acq: 21 Jul 2023 18:09

Tgt Ion:180	Resp:	39280
Ion Ratio	Lower	Upper
180	100	
182	99.3	76.0 114.0
145	31.9	24.3 36.5

